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BIENNIAL REPORT

OF THE

Superintendent Public Instruction

OF THE

STATE OF IOWA

NOVEMBER 1, 1905

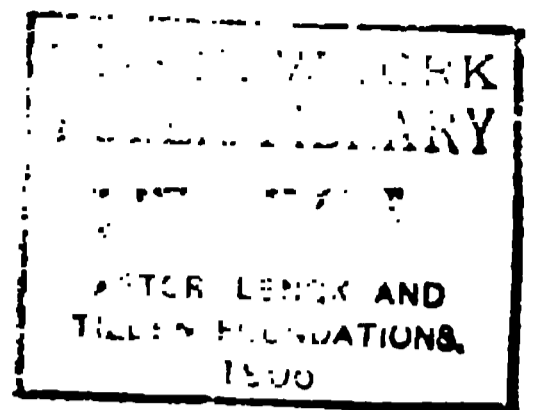
JOHN F. RIGGS

SUPERINTENDENT OF PUBLIC INSTRUCTION

Printed by Order of the General Assembly

DES MOINES:
B. MURPHY, STATE PRINTER
1905

AMERICAN
STANDARD
BRASS AND COPPER



ERRATA.

SCHOOLHOUSE FUND.—EXPENDITURES.

PAGE 8—COLUMN 1905.

For schoolhouses and sites	\$ 777,241.36
For libraries and apparatus	602.88
On bonds and interest	478,818.26
Paid for other purposes	196,078.41
	<hr/>
Total expenditures	\$ 1,447,440.36
On hand	552,737.60
	<hr/>
Total	\$ 2,000,177.96

CONTINGENT FUND—RECEIPTS.

PAGE 8—COLUMN 1905.

On hand at last report	\$ 772,662.94
Received from district tax	2,286,445.38
Received from other sources	810,770.27
	<hr/>
Total receipts	\$ 3,869,888.59

STATE OF IOWA

DEPARTMENT OF PUBLIC INSTRUCTION

DES MOINES

SUPERINTENDENT OF PUBLIC INSTRUCTION

JOHN F. RIGGS

DEPUTY SUPERINTENDENT

J. C. BENNETT

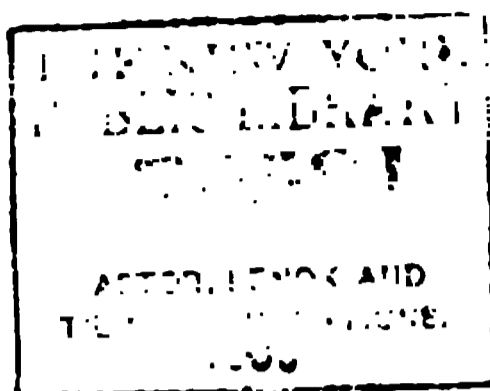
STENOGRAPHER

BYRDELLA JOHNSON

STATE BOARD OF EDUCATIONAL EXAMINERS

JOHN F. RIGGS, <i>ex-officio</i> President,	-	-	-	Des Moines
GEORGE E. MACLEAN, <i>ex-officio</i> ,	-	-	-	Iowa City
HOMER H. SEERLEY, <i>ex-officio</i> ,	-	-	-	Cedar Falls
OWEN J. MCMANUS,	-	-	-	Council Bluffs
*MARIA M. ROBERTS,	-	-	-	Ames
VIOLA H. SCHELL, <i>Secretary</i> ,	-	-	-	Des Moines

*Succeeded Mrs. Alice Altona, whose term expired Feb. 14, 1905.



*To His Excellency, ALBERT B. CUMMINS, Governor of the State
of Iowa:*

SIR;—I have the honor to submit herewith, as required by law, the biennial report of the department of public instruction for the period ending September 30, 1905.

JOHN F. RIGGS,
Superintendent of Public Instruction.

STATE OF IOWA

DEPARTMENT OF PUBLIC INSTRUCTION

DES MOINES

SUPERINTENDENT OF PUBLIC INSTRUCTION

JOHN F. RIGGS

DEPUTY SUPERINTENDENT

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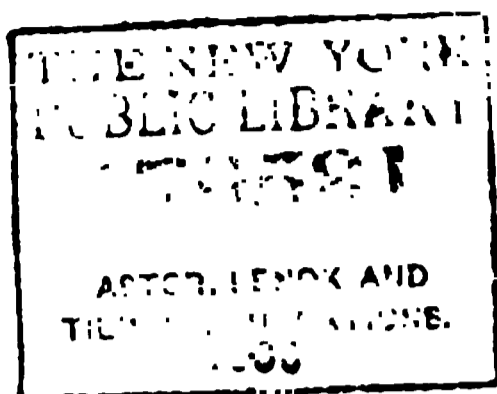
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JOHN F. RIGGS,
Superintendent of Public Instruction.

SUPERINTENDENTS OF PUBLIC INSTRUCTION.

TERRITORY AND STATE OF IOWA.

Name.	County.	Time.	Postoffice.
William Reynolds.....	Des Moines..	1841-1842	Deceased.
James Harlan.....	Henry	1847—	Deceased.
Thos. H. Benton	Dubuque	1848-1854	Deceased.
James D. Eads.....	Lee.....	1854-1857	Deceased.
Joseph C. Stone.....	Johnson.....	1857—	Deceased.
M. L. Fisher.....	Clayton	1857-1858	Deceased.
Oran Faville.....	Mitchell.....	1864-1867	Deceased.
D. Frahclin Wells	Johnson	1867-1868	Deceased.
A. S. Kissell.....	Scott.....	1869-1872	Deceased.
Alonzo Abernethy	Crawford....	1872-1876	Osage.
C. W. von Coelln.....	Black Hawk..	1876-1881	New London.
J. W. Akers.....	Linn.....	1882-1888	Chicago, Ill.
Henry Sabin.....	Clinton	1888-1892	Des Moines.
J. B. Knoepfler.....	Allamakee....	1892-1894	Cedar Falls.
Henry Sabin.....	Clinton	1894-1898	Des Moines.
Richard C. Barrett.....	Mitchell....	1898-1904	Ames.
John F. Riggs.....	Keokuk.....	1904—	Des Moines.

The office of Superintendent was abolished in 1842. Again in 1858 it was abolished and the duties were performed by the State Board of Education, of which Thos. H. Benton acted as secretary for five years.

PART I.

GENERAL SUMMARY OF STATISTICS.

DISCUSSION OF EDUCATIONAL TOPICS.

**RECENT CIRCULARS OF INFORMATION AND
SUGGESTIONS.**

WORK OF THE STATE READING CIRCLE BOARD,.

**WORK OF THE STATE BOARD OF EDUCATIONAL
EXAMINERS.**

SPECIAL DAYS FOR 1905.

GENERAL SUMMARY OF STATISTICS. SECRETARIES' REPORTS.

SCHOOL DISTRICTS.

	1895	1900	1905
School Townships.....	1,193	1,187	1,182
Independent Districts....	3,614	3,686	3,766
Whole Number of Districts.....	4,807	4,873	4,948
Sub-districts... ..	9,280	9,423	9,403

SCHOOLS.

Ungraded.....	12,517	12,615	12,263
Rooms in Graded.....	4,777	5,766	6,607
Whole Number.....	17,294	18,381	18,870
Average Duration in Months.....	8	8	8

TEACHERS.

Males Employed.....	5,726	4,948	3,598
Females Employed.....	22,117	23,841	26,021
Whole Number.....	27,843	28,789	29,619
Average Monthly Compensation—Males.....	\$37.68	\$40.20	\$48.62
Average Monthly Compensation—Females. ...	\$31.63	\$30.24	\$36.06

SCHOLARS.

Between five and twenty-one—males.....	362,364	371,164	363,152
Between five and twenty-one—female....	350,577	359,990	355,630
Total enumeration.....	712,941	731,154	718,782
Enrolled in Public Schools.....	533,824	566,223	550,376
Total average attendance	339,300	373,474	375,563
Percentage enrollment on enumeration.....	.75	.78	.77
Percentage attendance on enrollment .....	.64	.66	.68
Percentage attendance on enumeration.....	.48	.50	.52
Average tuition per month per scholar.....	\$1.87	\$1.96	\$2.23

SECRETARIES' REPORT—CONTINUED.
SCHOOL HOUSES.

Whole number.....	13,613	13,861	13,993
Value.....	15,645,543	17,655,992	22,456,618

APPARATUS

Value.....	569,910	798,294	847,998
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DISTRICT LIBRARIES

Number of Volumes.....	151,561	334,300	794,769
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SHADE TREES ON SCHOOL GROUNDS

Number of Growing Trees.....	182,610	219,904	269,959
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TEMPERANCE INSTRUCTION.

Schools teaching effects of stimulants.....	16,987	17,510	18,218
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TREASURERS REPORT.

SCHOOL HOUSE FUND.

RECEIPTS.

	1885	1900	1905
On hand at last report.....	\$ 395,514.91	\$ 434,467.13	\$ 478,110.12
From district tax.....	739,887.26	803,850.14	960,811.22
From other sources.....	581,090.30	694,698.26	561,256.62
Total receipts.....	\$1,716,492.47	\$1,933,015.53	\$2,000,177.96

REPORT OF THE EXPENDITURES.

For school-houses and sites.....	\$ 658,656.17	\$ 664,141.23	777,241.36
For libraries and apparatus.....	13,430.10	2,297.08	802.33
On bonds and interest.....	520,931.33	532,396.18	473,318.26
Paid for other purposes.....	169,834.33	158,856.09	145,120.90
Total expenditures.....	\$1,362,851.93	\$1,357,690.58	\$1,396,482.85
On hand.....	353,640.54	575,324.95	552,737.60
Total.....	\$1,716,492.47	\$1,933,015.53	\$1,949,220.45

CONTINGENT FUND. RECEIPTS.

	1895	1900	1905
Onhand at last report... ..	\$ 543,215.48	\$ 708,241.07	\$ 772,662.94
Received from district tax	1,631,354.76	1,675,388.91	228,445.38
Received from other sources.....	221,397.58	234,340.19	310,770.27
Total receipts.....	\$2,395,949.82	\$2,617,970.17	\$3,369,888.59

DISBURSEMENTS

For fuel, rent, repairs, etc.....	\$1,114,181.10	\$1,282,340.35	\$1,707,536.51
Paid secretaries and treasurers.....	137,673.02	142,387.61	156,167.09
For records and apparatus.....	.....	43,305.06	39,912.37
For library books and dictionaries.....	.....	16,705.36	19,028.35
For free text-books.....	.....	23,219.04	26,393.53
For text-books and general supplies.....	209,365.61	182,251.40	146,893.94
For other purposes.....	344,687.57	279,239.14	397,056.27
Total expenditures.....	\$1,805,907.30	\$1,969,447.96	\$2,492,988.06
On hand.....	590,042.52	648,522.21	876,900.53
Total disbursements.....	\$2,395,949.82	\$2,617,970.17	\$3,369,888.59

TEACHERS' FUND

RECEIPTS

	1895	1900	1905
On hand at last report.....	\$2,058,200.86	\$2,719,465.88	\$3,231,405.69
From district tax.....	4,305,995.81	4,715,506.75	5,969,517.74
From semi-annual apportionment.....	838,531.56	816,581.22	897,490.41
From other sources.....	140,508.48	187,205.91	208,652.93
Total receipts.....	\$7,343,236.71	\$8,438,759.76	10,307,066.77

TREASURERS REPORT—CONTINUED.

EXPENDITURES

Paid teachers.....	\$5,075,492.37	\$5,606,932.59	\$6,745,416.24
Paid for other purposes.....	73,623.01	94,848.06	69,484.30
Total expenditures.....	\$5,159,115.38	\$5,701,780.65	\$6,849,181.50
On hand.....	2,194,121.33	2,736,979.11	3,457,885.27
Total.....	\$7,343,236.71	\$8,438,759.76	10,307,066.77

COUNTY SUPERVISION.

EXAMINATION OF TEACHERS.

	1895	1900	1905
First grade certificates issued.....	11,848	3,308	3,649
Second grade certificates issued.....	14,336	14,131	14,205
Third grade certificates issued.....	1,145	7,144	5,531
Other certificates issued.....	.....	723	1,026
Total number issued.....	27,329	25,306	24,411
Applicants rejected.....	5,225	4,456	4,702
Total number examined.....	32,554	29,762	29,195
Certificates revoked.....	4	.....	.....
Average age of applicants.....	22 8	22	22
No experience in teaching....	3 876	3,560	4,131
Taught less than one year.....	3,852	4,208	4,340
With state certificates or diplomas.....	677	1,285	1,557

VISITATION OF SCHOOLS.

Schools visited.....	11,692	9,912	10,487
Visits made during the year.....	15,167	12,343	12,646
Educational meetings held.....	1,098	1,128	795

APPEALS.

Number of cases.....	62	43	23
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COMPENSATION.

Total paid County Superintendents.....	\$ 120,780.00	\$ 120,978.00	\$ 125,889.00
Average received per annum.....	\$ 1,220.00	\$ 1,222.00	\$ 1,272.00

REPORT OF THE TEACHERS' NORMAL INSTITUTES

	1895	1900	1905
Number of institutes held.....	99	99	99
Continuing weeks.....	2.3	2.1	1.8
Males in attendance.....	3,678	2,412	1,718
Females in attendance.....	18,682	17,132	17,207
Total Attendance.....	22,360	19,544	18,925

INSTITUTE FUND.

RECEIPTS.

On hands at last report.....	17,988 14	14,564 88	14,885.12
Examination fees.....	32,822.00	32,588.00	32,763.00
Registration fees.....	22,360.00	19,544.00	19,075.00
State appropriation.....	4,950.00	4,950.00	4,950.00
From other sources.....	737.29	1,437.16	540.96
Total.....	78,857.43	73,084 04	72,214.08

EXPENDITURES

For Instruction and lectures.....	\$ 48,579.39	\$ 51,711.51	\$ 49,110.97
For incidentals.....	10,483.79	6,963.17	6,685.26
On hand.....	19,794.25	14,409.36	16,417.85
Total.....	\$ 78,857.43	\$ 73,084.04	\$ 72,214.08

PERMANENT SCHOOL FUND,

Amount in September.....	.....	.....	\$4,760,520.54
Interest on the same.....	.....	.....	214,132.30

THE COST OF OUR SCHOOLS.

	1895	1900	1905
For teachers salaries.....	5,075,492.37	5,606,932.59	6,745,416.24
For school houses, apparatus, etc.....	736,719.66	707,446.29	817,153 73
For general contingencies.....	2,505,662.58	2,714,540.31	3,227,039.95
Total.....	8,317,874.61	9,028,919.19	10,789,609 92

COMPUTED ON TAXABLE PROPERTY.

NUMBER OF MILLS FOR EACH DOLLAR OF ASSESSED VALUATION

Teacher salaries. ....	.....	10.4	10.8
School houses, apparatus, etc.....	.....	1.3	1.3
General contingencies.....	.....	5.3	5.3
Total.....	.....	17.	17.4

ON ESTIMATED POPULATION.

FOR EACH INDIVIDUAL OF ENTIRE POPULATION.

Teachers salaries.....	2.47	2.52	3.05
School houses, apparatus, etc.....	.36	.32	.37
General contingencies.	1.22	1.22	1.47
Total.....	4.04	4.06	4.89

ON SCHOOL ENUMERATION

FOR EACH YOUTH BETWEEN FIVE AND TWENTY-ONE

Teachers salaries.....	7.12	7.67	9.38
School houses, apparatus, etc.....	1.03	.97	1.14
General contingencies.....	3.53	3.71	4.49
Total.....	11.68	12.35	15.01

ON TOTAL ENROLLMENT.

FOR EACH PUPIL ENROLLED IN SCHOOL.

Teachers salaries.....	9.51	9.90	12.26
School houses, apparatus, etc.....	1.38	1.25	1.48
General contingencies.....	4.69	4.79	5.86
Total.....	15.58	15.94	19.60

ON AVERAGE ATTENDANCE

FOR EACH PUPIL ACTUALLY IN ATTENDANCE THE AVERAGE TIME

Teachers' Salaries.....	15.38	15.01	172.1
School houses, apparatus, etc..	2.24	1.89	.536
General contingencies....	7.46	7.27	8.98
Total.....	25.08	24.17	28.79

THIRTY-SECOND BIENNIAL REPORT OF THE SUPER-
INTENDENT OF PUBLIC INSTRUCTION.

IN GENERAL.

With \$20,000,000 invested in public school buildings and equipment, and with an annual expenditure of over \$10,000,000 for the support of our public schools, and the erection of new buildings, the people of Iowa give proof of a loyalty to the cause of education that no one can question. In addition to this vast outlay for the benefit of the more than 540,000 children enrolled annually in the public schools of our state, must be added the money spent in support of the nearly 300 parochial schools, the numerous academies, business colleges, private normal schools, colleges and universities,—institutions employing in the aggregate 1984 professors and teachers and enrolling annually more than forty-two thousand students. Vast as is the amount we spend annually in supporting our schools of all classes and grades, it is imperative that there shall be no retrenchment. Indeed in hundreds of districts the present expenditure is inadequate for the work attempted. The problem set before each of the 4948 school boards of Iowa is not how to run the school with the fewest dollars, but how the school may be made the most efficient.

“No common school system” says Horace Mann “can ever succeed where the compensation is so meager as to encourage only those of the most ordinary talents and attainments to embark in it.”

It is a hopeful sign of the times that teachers' salaries in Iowa have advanced \$2.63 per month for males and \$3.46 per month for females within the biennial period covered by this report. But in thousands of schools the wages are yet too low to attract and hold the best teaching talent. Indeed the advance in teachers wages in recent years has out run but little the increased cost of living, and has barely kept pace with the advance in wages in other lines of work. So many remunerative occupations are now open to promising young men and young women, that many whose services are sorely needed in the schools cannot be induced to enter the teaching profession. The loss of men from the

teachers' ranks is particularly noticeable. Forty years ago 37 out of every one hundred teachers employed in Iowa were men; twenty years ago 31 out of every one hundred were men; while for the year just closed there were but 14 males out of every one hundred Iowa teachers. For the United States as a whole the percentage of male teachers has decreased from 42.8 per cent in 1880 and 28.8 per cent in 1900.

With the teachers' tenure more permanent and with a decided advance in the salaries paid, men as well as women would be attracted to the profession in greater numbers and a larger per cent of both would come to their work with that thorough preparation so essential to the highest success of the school.

SUMMARY OF RECOMMENDATION.

1. A uniform system of examining and licensing teachers and accepting scholastic work of superior grade in lieu of a part or all of the examination for a state certificate. (See page 23 part I, and pages 147 to 154, part II.)

2. A change in the time of receiving the secretaries' and treasurers' reports, from the third Monday of September to an earlier date thus making all school reports due *after* the close of the schools in early summer, and before the opening of the schools in the fall. (See page 19, part I.)

3. To authorize the change of boundaries between contiguous school corporations in such a way that consolidated districts may be more easily established. (See pages 20 to 23, part I, and section 5, page 139, part II.)

4. To require the county board of supervisors to audit and allow claims for the traveling expenses of the county superintendent while in the performance of official duty. (See page 16, part I.)

5. To grant state aid on basis of average daily attendance to such high schools as maintain a prescribed standard of work. (See page 18, part I.)

6. To provide competent inspection of school buildings. (See page 28, part I.)

7. To increase the possible amount that may be levied in any school corporation for transporting children to and from school. (See page 27, part I.)

WORK OF THE COUNTY SUPERINTENDENT.

The work of the County Superintendents of the state, taken as a whole, is growing constantly in efficiency. No other office in the county is more important or requires qualifications of so high an order.

The County Superintendent's work is distinctly supervisory and he should be relieved as far as possible from clerical duties. His work is more in the field than within the four walls of his office. He renders the greater service by school visitation, by conducting county and township educational meetings, and by mingling with the people where educational questions may be discussed and educational sentiment be strengthened.

A large and important part of the county superintendent's work is necessarily away from the county seat. That Iowa county superintendents within the biennial period have made 12646 visits to schools and have conducted 795 educational meetings is an eloquent tribute to their integrity and energy, in view of the fact that such work is optional and not obligatory. The law offers a premium for inactivity, since the superintendent is at far less expense in his office than when out among the schools.

In my opinion it is both unjust and impolitic to deny the county superintendent his reasonable expenses when absent from his home in the performance of official duty. The law should require the county board of supervisors to audit and allow claims for traveling expenses for this officer, within definite limits for any month, and should require that such claims be itemized and sworn to by the county superintendent.

HIGHER EDUCATION.

That there is an unmistakable trend toward higher education on the part of Iowa youth is evidenced by the fact that the at-

tendance upon our three state schools has increased from 2548 in 1895 to 4013 in 1905, and the attendance upon our fifteen standard denominational colleges has, within the same period increased from 4414 to 6668. In other words the state schools taken together have made a gain of 57.4 per cent and the denominational colleges a gain of 51 per cent within ten years. The enrollment given does not include the 1574 students enrolled in the summer schools of the State Normal and State University and the short courses of the Agricultural College; nor the 576 students enrolled in the summer schools of Simpson, Drake and Morning Side Colleges.

Then aside from the institutions to which reference has just been made a number of private colleges of high grade are in a prosperous condition and with a rapidly growing patronage.

The growth of our high schools and colleges is all the more noteworthy when it is remembered that the state has, within the time mentioned, gained but 7.4 per cent in population.

STATE SCHOOLS.

Iowa takes pardonable pride in her three great state schools. Each in its class easily ranks with the very best in the country. For the maintenance of the present high standards and for the further development of these schools, the broad liberal policy that has obtained in the past should be continued. With the laboratory method of instruction and with each department in charge of a trained specialist the cost of maintenance is necessarily much greater than formerly when the didactic method of instruction obtained. That, through the introduction of modern methods, the efficiency of these schools has been greatly increased there can be no question. In the light of the work accomplished and its great importance to the state the annual expenditures are reasonable and the askings of the various boards for the next year will be found to be based upon the immediate and urgent needs of these institutions.

PRIVATE AND DENOMINATIONAL COLLEGES.

Our large number of private and denominational colleges do a most valuable public service without cost to the state. Each

year these schools graduate a large number of young men and women, who, in the main, become leaders in the various vocations in which they engage and in a marked way raise the average intelligence and efficiency of the state as a whole.

HIGH SCHOOLS.

The number of schools in Iowa offering one or more years of work above the grammar grades has rapidly increased within the past twenty-five years and particularly within the last half of that period. At the present time, there are not less than 600 village, town and city schools doing work of high school grade. Of these 174 are reported as carrying a three year course, and 354 as carrying a four year course. Our high schools graduated in the aggregate 2018 boys and 3299 girls in 1905. Of these graduates 1174 are now enrolled in higher institutions of learning and 1039 are engaged in teaching. While very many of our high schools are doing superior work, it is to be regretted that there is no attempt at uniformity in the courses pursued except in those schools (less than one-fourth of the entire number) carrying work that fits for entrance to the University and the Standard Colleges of the state.

Each school board has practically a free hand in the matter of determining the high school course of study and thereafter in modifying it at will. While section 2776, of the school laws provides that the "course of study shall be subject to the approval of the superintendent of Public Instruction," there is no penalty for the board that does not submit its course for approval, or that adopts a course other than that recommended by the Superintendent of Public Instruction. Nothing approaching uniformity can be expected in the courses for either class of high schools or in the qualifications of the teachers in the same so long as each school board is a law unto itself in these matters.

A regrettable tendency in small towns and villages is to put in courses of study advanced far beyond the ability of the corporations to adequately support. In consequence the one or two teachers employed are overburdened and the work is often poorly done.

There should be standard courses for schools doing two years, three years, or four years of high school work, and full recognition should be given each class of schools for the work done.

But confusion and uncertainty will exist so long as courses are merely "recommended" and the school boards, principals, and superintendents are left to follow their own inclinations. Both in Wisconsin and Minnesota the state gives financial aid to such high schools as maintain a standard defined in the law.

In my opinion the law in this state should clearly define the various classes of high schools and should name the special qualifications to be possessed by teachers in such schools. Then to insure a compliance with the law, state aid, in an amount to be determined, should be given those schools that comply in all respects with the law.

A detailed report on the high school courses, with the faculties, for the school year 1905-1906 will be found in the last chapter of this report.

DEFINING THE SCHOOL YEAR.

Since school directors are elected and qualify in March, one school year defined in the law begins with the induction into office of the newly elected directors; but since the school secretaries and school treasurers make their annual reports on the third Monday in September, the fiscal school year begins on this date. Again it is common to speak of the school year as beginning with the opening of school in September and ending with the close of school in June or July. There is, therefore, ambiguity in the term "school year." A serious confusion often results, making it difficult to get uniform or accurate reports from school officers.

The requirement that newly elected directors shall assume their duties on the third Monday in March is unfortunate. It would be much better if it were the first of July instead. At present one of the first duties the new board exercises is to elect teachers for the spring term, thereby encouraging a general change of teachers, and disturbing the unity of the school work.

which logically should continue without interruption until the beginning of the long summer vacation. This difficulty would entirely disappear if the newly elected directors were to assume office in June instead of March.

It would also be a distinct advantage to have the regular fall meeting brought forward from the third Monday of September to the first of July, making the fiscal school year begin on that date. All our annual reports would then cover the same period, and much of the present confusion and inaccuracy would disappear. Such a change would also make the reports of school officers available two and one-half months earlier than at present, and thus enable the county superintendents to begin the work of school visitation soon after the opening of the schools in September.

THE LARGE VERSUS THE SMALL DISTRICT.

Attention is called to the statistics of country school enrollment and attendance, found on pages 96 to 107 part II of this report where it is shown that over 60 per cent of the rural schools of the state have an average daily attendance of 15 or less, while in fully five hundred of these schools the average daily attendance is 5 or less.

A school house within easy walking distance of every dwelling in the state has always been a popular doctrine with the people. A square containing just four sections, with nine of these squares in a civil township, and each square a little school world in itself, has to the popular mind seemed so ideal that any interference with the established order has always raised bitter opposition. That our present system of small districts is usually extravagant and is often the direct cause of inefficient schools cannot be questioned by anyone who will give thorough study to the question.

The agitation for large districts is not new, as many suppose. The foremost educators of the country have steadfastly opposed the plan of small districts.

In 1856 the General Assembly of Iowa appointed a commis-

sion to revise the school laws. America's most eminent educator, Horace Mann, was one of the commissioners and Amos Dean, Chancellor of the State University, the other. While in the report submitted to the general assembly the district organization was provided for, it was not in accordance with the best judgment of the commissioners, who followed the recommendation with this qualification:

"Your commissioners, however, feel bound to say that they have presented this organization simply in reference to the existing state of things. Their own settled convictions are, that the whole district system, as stated in the bill, should be promptly discontinued. * * *

The commissioners then set forth many cogent arguments in defense of the large district, among which are the following:

"It greatly reduces the number of district boards of directors and consequently limits the expenses attending these boards."

"It renders the position of president of the board more honorable, makes it a higher mark of distinction, gives a larger scope for a choice, and will tend to secure for it a higher grade of talent and attainment."

"It leads to the creation of more commodious schoolhouses with larger accommodations and means of instruction."

"It tends to secure the services of more accomplished teachers."

"It offers facilities for classifying those of different ages and attainments, and for employing different grades of teachers in their instruction."

Hon. Maturin L. Fisher in his report of 1857 favored the Township as the school unit.

Hon. Thomas H. Benton, in his report of December 5, 1859 says: "I concur fully with the late superintendent of public instruction, Mr. Fisher, in regard to large districts. They give us a much more efficient and less expensive organization." "It is," says Mr. Benton, "to be regretted that the early educators and legislators of the country have incorporated the feature of

small districts into their country school systems. The precedent established by them has obtained so firm a hold on the public mind that none of those who have succeeded them are willing to assume the responsibility of departing from it."

In the year 1860, Hon. Samuel L. Howe, Co. Supt., of Henry County, said:

"I think our school system will never be satisfactory whilst the subdistrict plan is continued. I would abolish all subdistricts and give the township boards powers sufficient to meet all exigencies created thereby."

Hon. A. S. Kissell in his report dated January 1, 1872, makes a strong plea for the abandoning of all sub-district boundaries, making the township the district unit without subdivisions. This recommendation of the state superintendent was cordially commended by Governor Merrill in his message to the general assembly.

Hon. Alonzo Abernathy in his report of 1874 says:

"Efficiency can never be secured in the management of the schools and school funds where districts are so small as to impose but slight responsibility upon district officers, nor can the state ever know from any reports or statistics that can be obtained from such officers, what portions of the funds are judiciously expended."

Hon. C. W. von Coelln in his biennial report of 1874 says:

"The civil township should be the unit but it should not be subdivided into subdistricts, to be in part governed by a sub-director."

The quotations just given show that the agitation for larger districts and fewer schools was started in Iowa a half century ago. It was not, however, until recent years nor until after the experiment had proven successful in other states that transportation of pupils at public expense came to be advocated in Iowa. The civil township as a school district and transportation of all pupils to one school near its center can be effected under our laws as they now stand. But in the

opinion of very many people the civil township is too large for a single consolidated district, yet too small to be subdivided.

If the laws were so changed that the voters in any number of contiguous school corporations could redistrict in such a way as to best serve the interests of the children, the important work of eliminating weak, inefficient and expensive schools would go forward much more rapidly and with better satisfaction to all the people in interest.

The following table in which the statistics of graded schools and ungraded schools are separated, shows that the school year is one month longer in the graded than in the ungraded school. The table also shows that the enrollment *per room* is 73 per cent greater and the average daily attendance 100 per cent greater in the graded than in the ungraded school.

PUBLIC SCHOOLS.
Independent city, town and village and rural corporations.
School year 1904-1905.

	Class of Corporation—Totals.			Avg. per Corporation.		
	City and Town.	Rural.	State.	Class of Corporation.		
				City and Town.	Rural.	State
Number of corporations.....	858	4,090	4,948	.....	.....	.....
Number of rooms.....	6,607	12,268	18,870	7.7	3.	3.8
Average No. months in year...	8.8	7.8	8.	8.8	7.8	8.
Number of teachers employed, males.....	1,099	2,499	3,598	1.3	.6	.7
Number of teachers employed, females.....	6,832	19,689	26,521	7.3	4.8	5.2
Total enrollment.....	268,676	281,700	550,376	813	69	111
Total average attendance.....	198,844	177,219	375,563	231	48	76
Value of schoolhouses.....	\$15,894,432	\$ 7,062,126	\$22,456,618	\$ 17,942	\$ 1,727	\$4,549
Value of apparatus.....	\$ 866,195	\$ 481,808	\$ 847,998	\$ 427	\$ 118	\$ 171
Number of volumes in libraries	330,807	463,962	794,769	886	118	161
Paid for teachers salaries.....	\$ 2,480,850	\$ 8,264,566	\$ 6,745,416	\$ 4,057	\$ 798	\$1,868

THE EXAMINATION AND CERTIFICATION OF TEACHERS.

Attention is called pointedly to our laws governing the granting of teachers' certificates and to the urgent need for their thorough revision.

Certificates as now issued in Iowa are of two general classes.
First. Those issued by the State Board of Educational Examiners, and valid in any county of the state, and

Second, Those issued by the County Superintendent, and valid only in the county in which they are issued.

No certificate of either class can be issued except upon examination.

The work of the state board has so far outgrown the law under which it operates that the board is seriously handicapped.

The law gives the board authority to employ a secretary, but no additional clerical help can be employed however urgent the need of such help may be. Not to exceed two persons can be employed to assist in the work of any examination. The expenditures of the board cannot exceed \$1500 in any year for all purposes, including the salary of the secretary, the traveling expenses and per diem of members, and the expenses incident to the inspection of accredited schools, the last named duty imposed, since the statute limiting the powers of the board was enacted.

The restrictions that embarrass the board should be removed and authority be granted it to employ such help as may be required—the total expenditures for any year to be within the aggregate amount collected in fees for that year. The board should also be given some discretion in the matter of validating state certificates from other states, and diplomas from colleges and normal schools of high rank. Such legislation has been enacted in many of the states. The licensing authorities in most of these states have entered into reciprocal relations so that a certificate of high grade issued in one of the states is honored in the others. But a certificate of high grade issued by the state educational board of Iowa has no recognition out side of Iowa for the reason that we are not permitted to validate any certificate issued in another state.

The granting of county certificates is vested solely in the county superintendent. While having as a guide the general directions issued by the superintendent of public instruction, the county superintendent, in practice sets his own standard since his markings may be rigid or they may be exceedingly liberal. In one county a mark of 90 per cent may mean no more than 70 per cent in another county. The county superintendent is also

subjected to the importunity of the relatives and friends of unsuccessful candidates and has ever before him the temptation of straining a point that a certificate may be issued to this or that applicant who has in fact failed in the examination.

Hon. Richard C. Barrett, in his Second Biennial Report, states the following objections to our present system of issuing certificates:

1. That county superintendents are not uniform in their markings. That so long as we have ninety-nine county superintendents we shall have as many different standards.

2. That the ideals of what teachers should be are so low in some counties that teachers holding first-class certificates in those counties could obtain only a second or third class in others.

3. That since the county superintendent is the product of a political party, he is expected to recognize his political friends in the granting of certificates.

4. That because of his authority to grant certificates, he is tempted, biennially at least, to be less stringent in the granting of the same, and as a consequence schools are often supplied with immature and incompetent teachers.

5. That being the sole judge of the fitness of applicants, he often becomes careless and negligent. That of one candidate he demands a full and complete examination, while to others certificates are issued, because of attendance upon the institute or teachers' association.

6. That he is in some instances so partial as to grant certificates to teachers in certain grades who are so utterly lacking in scholarship as to be unable to pass the examination required of other candidates.

"It is not contended by anyone," says Mr. Barrett, "that all of these charges are true in a single county but that they are all true when the state as a whole is considered."

A further discussion of our certificate system with proposed changes in our laws on this subject will be found at pages 147 to 154 of part two of this report.

There should in my judgment be but one authority in the state charged with the duty of licensing teachers. In no other way can we have anything approaching a uniform standard.

I am strongly of the opinion that those sections of the law referring to the examination and certification of teachers should be rewritten and brought into harmony and that the licensing power be placed either in the hands of the superintendent of public instruction or in the hands of the State Educational Board of Examiners, and that the certificate be made valid in any county of the state.

Under this system the County Superintendent would be enabled to devote from 25 to 40 days more per year than at present in the work of school supervision. The value of this additional work in the schools would outweigh many fold over any additional cost incident to the change of system recommended.

The law now requires every applicant for a county certificate to pay an examination fee which cannot be less than \$1 for each year the certificate is to run; and with the lower class of certificates the period may be as much less than a year as the County Superintendent may determine. All fees so collected go to the support of the Normal Institute.

With applicants for the state certificate a fee of \$3 is required, no part of which goes to the support of the Normal Institute, but all of which is paid into the state treasury.

We now have in force 2861 state certificates and diplomas which means an annual loss of an equal number of dollars in the aggregate to the Normal Institutes.

If the state is to continue the policy of requiring the teachers to support the Normal Institutes by fees, the burden should be distributed equally among the teachers. It is, therefore, recommended that no certificate or diploma should be valid in any county until it is registered by the County Superintendent of the county, and that a registration fee of fifty cents be required, the same to be paid into the institute fund. This would permit a reduction in the examination fees now charged for the higher classes of certificates and would result in a more equitable ad-

justment of the burdens. The forwarding of all examination manuscripts to the Capitol of the State where they would be read and marked and the result of the examination be determined under state authority, would entail an expense which, it is estimated would be not less than fifty cents for each person examined.

Since the number of persons to be examined within the biennial period cannot be estimated with any degree of accuracy, a direct appropriation from the state treasury is not advised, but it is recommended instead that one-half the fees collected by the County Superintendent be paid into the state treasury and that the expenses be met from the fund thus created. It would then be necessary for the Legislature to increase the annual institute appropriation provided for in section 2626 of the code.

For thirty and more years the state has paid \$4950 annually toward the support of the 99 Normal Institutes. This is at present 8.8 per cent of the cost of their maintainance. The state pays under certain conditions \$100 annually toward the expenses of each County Agricultural Fair and \$75 annually toward the expenses of each Farmers' Institute, and \$50 annually toward the support of the Teachers' Normal Institute.

More than twenty per cent of the counties do not maintain either a county fair or a farmers' institute; yet for the last fiscal year the state paid a little less than \$20,000 toward the expenses of the county fairs and farmers' institutes in the other counties.

The state in other lines has been generous and wisely so and it is believed that no serious objection will be offered to an increase in the state apportionment for the support of Normal Institutes, thereby permitting a percentage of the examination fees to be paid into the state treasury to meet the expenses incident to the state system of examining and licensing teachers.

TAX LEVY FOR TRANSPORTING CHILDREN TO AND FROM SCHOOL.

Section 2806 of the school laws provides for a maximum levy of five dollars for each person of school age for transporting children to and from school. This amount is entirely inadequate where a large number of children are transported, as in the town-

ships having but one school located at or near the center of the township. In such townships a very marked saving is effected in teachers' salaries, since fewer teachers are required, but the cost of transportation is necessarily heavy.

This is a local matter. The school board is directly amenable to the people. No member of the board can be legally employed to transport pupils. There is in all this assurance that the transportation will be effected at the lowest possible cost consistent with efficient service. No statutory limitation is necessary to insure economy.

HEATING, LIGHTING, AND VENTILATION OF SCHOOL BUILDINGS

For the biennial period an aggregate of \$777,241.36 was expended in Iowa for new school buildings.

Attention is called to the fact that the law requires no expert supervision of the architecture of these buildings including plans for their heating and ventilation.

The school directors having charge of the construction of new buildings or of the remodeling of old ones are men of intelligence and business ability, but they do not have the expert knowledge that will guide them safely in adopting plans for the construction and equipment of such buildings. In such matters they are sometimes unwittingly led into error by the plausible but erroneous representations of shrewd agents.

In my judgment the law should require certain essential things in the matter of heating, lighting, and ventilation of school buildings, and should provide competent inspection to insure its being carried into effect wherever a new building is to be erected or an old one remodeled.

It is of the greatest public concern that the physical surroundings of every school room and building be such that the health of the children be not endangered.

AN EXAMPLE WORTHY OF EMULATION.

Early in the present school year Mr. J. L. McCaull of Minneapolis, but formerly a resident of Garden Grove Township in

Decatur County, offered one hundred dollars to be given in cash prizes to the three rural schools in Garden Grove Township that should do the most in beautifying the school grounds and making the school room inviting.

Under this stimulus teachers and pupils in every school of the township put forth special effort with the result that public interest in the school environment was aroused and much good was accomplished.

The contest closed on June first, when a committee, appointed by the county superintendent, visited each school in the township and awarded the prizes.

ACCREDITED SCHOOLS FOR THE TRAINING OF TEACHERS.

The twenty-ninth general assembly passed a law providing for the "inspection, recognition and supervision of schools for the instruction and training of teachers for the common schools, and providing for the licensing of the graduates of the same." Under this law the following named academies, private normal schools and colleges have been inspected and their courses of study, faculties and equipment approved by the state educational board of examiners:

Buena Vista College, Storm Lake; Cedar Valley Seminary, Osage; Central University, Pella; Cornell College, Mount Vernon; Decorah Institute, Decorah; Denison Normal College, Denison; Drake University, Des Moines; Ellsworth College, Iowa Falls; Epworth Seminary, Epworth; Highland Park College, Des Moines; Humboldt College, Humboldt; Lenox College, Hopkinton; Simpson College, Indianola; Tobin College, Fort Dodge; Upper Iowa University, Fayette; Western College, Toledo; Western Normal College, Shenandoah; Western Union College, LeMars; Woodbine Normal, Woodbine.

Doubtless the law has not been in effect for a sufficient length of time to justify a safe opinion as to its value. The presidents of the larger institutions, such as Drake University, Simpson College, Cornell College and Highland Park College, report that

the law has had little, if any effect in their respective schools,—students in preparation for the work of teaching preferring to take the regular courses and at their completion write for the five year state certificate.

The president of Drake University has formally withdrawn his institution from the list of accredited schools and to all appearances the law is at present a dead letter in a few other schools on the list. In a majority of the schools, however, the law is favorably regarded by president and faculty.

The last inspection was made during the months of January and February, 1905 by the following persons: Mrs. Alice Altona, Miss Maria Roberts, Sup't O. J. McManus, Mr. J. C. Bennett, Pres't H. H. Seerley and President George E. MacLean.

President Seerley in his report on Cornell College Academy makes the following observation:

“While this academy has been on the accredited list from the beginning of the system, and while much attention has been given by the college authorities to the distribution of circulars making announcements concerning the plan of securing a two year state certificate, and while the college catalogue has given thorough recognition of the same thing by devoting a page to explaining the facts, the students who graduated from this course have not seen fit to avail themselves of the opportunity thus given and such certificate has not been eagerly sought, it being stated that not over three such candidates have been known during the time the arrangement has been in force.”

County Superintendent McManus, after completing his inspection, makes this observation:

“I believe that the state course would be more popular if the students were not required to pass an examination in all the subjects upon the completion of the same. If the state board were permitted to send examination questions for each subject as it is completed and have the students' papers sent in for grading, accompanied with an affidavit from the president of the school to the effect that the student received no help, it would do away with the bug bear of the final examination, encourage the students to do their best class work, raise the school in the estimation of the students by entitling its graduates to the two year state certificate without any further examination, and lessen the expenses to

the state for examination,—all of these without lessening the supervision of the state board.”

Mr. Bennett in his report says:

“That the law in question has accomplished but little is patent to all. The reason is evident. It authorizes the educational board of examiners to prescribe a course of study and accredit schools, but it does not permit the board to give credit for work done in such institutions. I believe the educational board of examiners should have discretionary power to credit any or all of the work in a prescribed course of an accredited school and excuse the graduate from such course from so much of the examination as the board sees fit. I believe also that one who has completed a more extended course than the one prescribed as leading up to the two year state certificate should be eligible to the examination for that certificate if he has taken an equivalent amount of work in all subjects required in the prescribed course. We now have the anomaly of one who although having completed a longer course, superior it may be in all respects, is not eligible to this examination because not graduated from this particular course. The prescribed course should indicate the minimum and not the only course.”

While the law under consideration has not met with the degree of success its friends anticipated, the experimental stage is not passed, and with slight modification it may become of great benefit alike to the smaller colleges and to the common schools.

In addition to the recommendations quoted from the reports of Messrs. McManus and Bennett, I would advise the annual visitation be made optional with the board in any particular case and not obligatory as at present. After two or three annual inspections the board can often determine from written reports the status of the school and the character of work being done; and in such cases it is a needless expense to the state to send an inspector.

AGRICULTURE IN COUNTRY SCHOOLS.

Within very recent years there has been a rapidly growing sentiment not only in Iowa but throughout the country, in favor of the teaching of agriculture in rural schools. This sentiment has in some states crystalized into law requiring that agriculture be taught in every country school.

The wisdom of such legislation in Iowa as conditions now exist may be seriously questioned. But a very small per cent of the teachers in any county have the kind of knowledge that would enable them to give this instruction. To require those without knowledge of the subject to at once organize classes in agriculture would mean abortive teaching or teaching so extremely elementary as to be of practically no value.

If we are to have legislation looking to the teaching of this important subject it would better be directed toward the teachers' preparation, requiring after a prescribed time, that every applicant for a teacher's certificate show a reasonable knowledge of the principles and laws underlying the science of agriculture. In many counties the teachers under the direction of the County Superintendent are giving considerable attention to this subject. The following table will show the status of the work for the last school year as reported by county superintendents

**COUNTIES IN WHICH SOME ATTENTION IS GIVEN TO
THE TEACHING OF ELEMENTARY
AGRICULTURE**

County	Percent of schools in which taught	How taught	In what Grades	Length of lessons daily	Are books used by pupils.	Are books used by teachers
Allamakee		General lessons			No	
Appanoose		General lessons				
Audubon						
Boone	40	General lessons	all		No	No
Blackhawk						
Bremer						
Buena Vista	10	General lessons		20	No	Yes
Butler						
Buchanan						
Cahoon	50	General lessons			No	No
Cherokee		General lessons			No	Yes
Clay						
Clinton	85	General lessons			a numb'r	Yes
Crawford						
Dallas	20	General lessons			No	Yes
Davis						
Emmet	Small	General lessons				
Fayette	20	General lessons			No	Yes
Floyd						
Fremont						
Franklin	25	General lessons			No	Yes
Greene						
Hancock		General lessons			No	No
Harrison						
Hardin	20	General lessons				No
Henry						
Humbolt	Small	General lessons			*	
Ia						
Iowa	10	General lessons			No	Yes
Jackson						
Jefferson		General lessons				
Jones	10	General lessons		15		Yes
Keokuk	100	General lessons	3, 4, 5 & 6	15	No	Yes
Lee	50	General lessons			No	Yes in part
Linn	50	General lessons			No	No
Lucas	Some	General lessons		15		Yes
Madison	5	General lessons	10th			Yes
Mitchell	33 1-3	General lessons			No	Yes
Monona	Many				Text adpt	
Muscatine						
Oceola						
Page					No	No
Pocahontas						
Polk	80	General lessons			No	Yes
Pottawattamie	No data	General lessons	All	20	No	Yes
Poweshiek	No data	General, if any			No	No
Ringgold						
Siox						
Tama	Some	General lessons				Yes
Taylor						Yes
Van Buren	Small	General lessons			No	5 or 6

Books have been placed in school library.

REPORT OF THE

COUNTIES IN WHICH SOME ATTENTION IS GIVEN TO THE TEACHING OF ELEMENTARY AGRICULTURE.—CONTINUED.

County	Per cent of schools in which taught	How taught	In what Grades	Length of lessons daily	Are books used by pupils.	Are books used by teacher.
Washington....	75	General lessons	.....	.....	No	Yes
Webster. ....	.....	.....	.....	.....	.....	.....
Winnebago .....	.....	.....	.....	.....	.....	.....
Winneshiek .....	.....	.....	.....	.....	.....	.....
Worth.....	25	Both methods	7 and 8	.....	A few	In most
Wright.....	100	In classes	7 and 8	alt. with phys.	Yes	Yes

COMMENTS OF COUNTY SUPERINTENDENTS.

I question the practicability of the effort in schools having 18 to 20 year old girls for teachers.

W. M. SPEERS,
Appanoose County.

I believe it to be desirable and practicable that rural schools should teach the elements of agriculture * * *. I believe the matter may best be presented in general lessons with abundant illustrations in the way of experiment, collection of seeds, plants and leaves, seed testing etc. Supplementary reading in this line would be very helpful. * * * Such lessons should develop a love for the farm and its interests, making rural life more beautiful and more desirable to the children of the rural schools.

CHAS. ELLIOTT,
Black Hawk County.

I believe that, could the subject be presented by teachers who understand something of agriculture, theoretically and practically it could be made of much practical value, but in the hands of teachers who know little or nothing about it as is the case with a large majority of those now in the profession, its attempted presentation is a farce.

JOHN T. REMICK,
Bremer County.

I am of the opinion that agriculture should be added to the course. My idea is that it should be taught in connection with nature study and geography. Several good text books are published covering the subject and I have no doubt it would have great influence on the future prosperity of the state. The wide interest taken in the "Corn Specials" last winter shows that scientific farming is coming to be better appreciated and the farming community would no doubt welcome a practical course in agriculture in our public schools.

J. E. DURKEE,
Buena Vista County.

The subject of agriculture is practical and profitable to a certain degree, but may be overdone. Insufficient knowledge of the subject on the part of the teachers is one hindrance.

W. R. SANDY,
Calhoun County.

Elementary agriculture has for the past two years received very much attention in the rural schools of Clinton county * * *. A more systematic line of work is being inaugurated this year. I believe that much can be done for our schools if elementary agriculture were included in the state course of study or if a manual dealing with the subject supplementary to the hand-book were issued by the State Department. Our farmers are awake to the advantages to be gained through the proper presentation of the work, and little, if any, objection would come if the subject be placed as one of the regular ones in the school curriculum.

GEO. E. FARRELL,
Clinton County.

The matter of nature study and agriculture has gotten a start in the schools of this county. Books such as Life on the Farm, School and Farm, etc., have been placed in many of the school libraries and considerable interest has been aroused. Many of the parents are reading these books and a healthy sentiment is being awakened. R. F. WOOD,
Dallas County.

I am much pleased with the thought that if we can do something to interest the country boy and girl in things that they have to deal with we shall be doing them and the world at large a great service. * * * By teaching the young people the science of farming and the saving of the soil, the rotation of crops, and other such helpful things, we can help to give dignity to farm life and make the boys and girls long to stay on the "old farm" instead of rushing to the already crowded city to eke out a mere existence. MATTIE LEE A. LAIR,
Fremont County.

Without doubt the subject of agriculture in rural schools can be made very interesting and profitable. I believe it to be both practical and desirable in that it brings the child in closer touch with nature and has a tendency to improve and develop agricultural conditions by means of a closer study of existing conditions. S. E. CAMPBELL,
Franklin County.

We are not prepared to teach Agriculture in the Public Schools. We could not properly prepare the teachers by giving a course in that subject in the County Institute, even if we could secure the instructors, which we could not do now. We are not prepared to teach it. A. J. OBLINGER,
Greene County.

Do not favor adding another branch, the elements of agriculture, to the common school course of study. I do believe in practical nature study work that will interest the boys and girls in farm topics, in so far as the teachers may be competent to handle the subject. A. M. DEYOE,
Hancock County.

I believe that Agriculture should be taught in our schools, because almost all other lines of industry depend for success, upon the character of crops raised, market price etc.; and what ever tends to develop intelligent, contented workers on the farms is a help to the country at large. ELLA B. CHASSELL,
Hardin County.

It is practical because of its necessity. It is desirable in order to interest the boys and girls in the farm life and keep them on the farm, and because the great majority of the people want it. The only objection at the present time to the teaching of Agriculture in our schools is the lack of knowledge on the part of the teacher to properly present it. H. T. PORTS,
Iowa County.

* * I hope the state will make provision for the instruction of teachers in agriculture and examinations therein. Then I believe its general utility would soon be widely acknowledged.

C. C. DUDLEY

Jackson County.

* * A great deal of work is done in our schools classed as "nature work" that is almost the same as that known as Elementary Agriculture, as outlined in some courses. A few schools have had exhibits of products raised and cared for by the children. This subject in the course of study for rural schools is desirable and practicable if teachers are given enough time before having to teach it.

ANNA WHITE,

Jefferson County.

During the last two institutes in this county, the subject of agriculture has been presented to the teachers and an active interest has been awakened. A few carried the inspiration thus gained into the classroom. * * * As to desirability, there is little question, but on the ground of practicability an issue might be raised. The greatest obstacle is the ignorance of our present teaching force of the most elementary principles.

CLIFFORD B. PAUL,

Jones County.

I am in favor of teaching the elements of agriculture in the rural schools because of the great interest it adds to all other school work, because it helps to connect the school and home, because it offers a way to get hold of some dull or mean boy or girl who could not be reached in any other way * * * *. It furnishes a chance for experiment in a way that no other branch of study can offer. Children like to experiment and if this tendency can be developed great and good results will follow.

CAP E. MILLER,

Keokuk County.

The teaching of agriculture is not only desirable but necessary in our locality.

LAURA FITCH,

Lucas County.

There is no good reason why Elementary Agriculture should not be taught in the rural schools. I would suggest that to introduce the study into the schools, it would be well to take some interesting elementary text-book and use it as a supplementary reader in the 7th and 8th grades.

T. H. STONE,

Madison County.

In about sixty of our rural schools a little book of experiments called "Rural School Agriculture" was placed in the hands of teachers. Many of the 239 experiments are readily within the reach of all rural school teachers. To about 35 schools seed corn from Iowa State college was given last spring. 500 kernels were given to a school for testing. Boys were asked to plant in soil, made rich, to give good care to the corn and then note results with each kernel. In a paper, later they are to give an account of their experiment.

JAY A. LAPHAM,

Mitchell County.

* * * * We adopted Eggert's Professional Farming as a text on the subject a few years ago * * * *. Have left the matter of teaching the subject optional with the teachers * * * *. There has been no uniformity in the instruction * * * *. I sent out several pounds of seed corn to all boys of the county from 15 to 19 years of age that cared to receive it * * * *. Many of the boys raised some excellent corn and made good reports. As a result many boys are interested not only in the growing of corn but in other subjects of agriculture and the farm in general. We sent out corn for several years and the results have been good * * * *. I believe that it is practicable to teach agriculture in the schools but do not think that it can be taken up very well as a separate study each day. The course of study as now outlined, it seems to me, is too full for that.

F. E. LARK,
Monona County.

I believe it is very desirable but entirely impracticable as matters now stand. If the teaching can be done by an expert or some one or more persons who will make no serious blunders, and who can create a lively interest in good practical questions relating to this great subject, it will be of immense value to our rural districts * * * *. Our agricultural college at Ames should be the adviser and leader in this movement. It should be the authority on this subject.

F. M. WITTER,
Muscatine County.

Some work has been done in connection with nature study. I believe it would be a valuable subject to include in the rural school course. At present we lack teachers competent to do it justice.

J. P. MCKINLEY,
Osceola County.

I do not believe in making it a distinct branch in the school, but the teacher should know how to correlate the work with the other branches, such as language lessons and geography. The nature study should be along the line of agriculture.

GEO. H. COLBERT,
Page County.

I do not think the teaching of Agriculture in the rural schools as we have them is practical. We cannot get teachers fitted to teach the subject. When we get rural graded or high schools in the township, the subject should be taught and model gardens or fields sustained.

U. S. VANCE,
Pocahontas County.

Beyond placing elementary works on agriculture in rural school libraries, and arousing interest in the subject in a general way, I see no possibility of doing anything in a permanent way in the matter until our teachers are prepared to teach the subject.

The desirability of such instruction cannot be questioned, if done in such a way as not to interfere with thorough work in the fundamental branches.

P. A. MCMILLEN,
Poweshiek County.

Agriculture should be made the bases of work in nature study. The subject needs attention. Should be done in connection with other work. Do not make it a special subject.

O. J. MCMANUS,
Pottawattamie County.

I am strongly opposed to the introduction of any more branches of study as such, so long as the program of the rural school is overcrowded as now and the teachers incompetent to handle the subject matter. * * * It seems to me that more of the reading matter used in the school should be based on agricultural subjects, and that somewhere in the course a good text on agriculture should be carefully read and discussed by one of the reading classes.

W. E. CHASE,
Sioux County.

During the spring term a number of our teachers took up the subject in their schools in general classes. It is proving very practicable and profitable. I believe the time is here when we should begin to teach our boys and girls of the farm some things pertaining to the farm and farm life.

D. E. BROWN,
Tama County.

I am opposed to teaching agriculture as a special branch and consider it impracticable. The course is already overloaded and I am in favor of covering less ground and doing it better. * * * I would have the teachers better prepared on what they are now teaching rather than prepare on additional subjects.

A. L. HEMINGER,
Van Buren County.

The teaching of Agriculture in the rural schools brings the home and the school nearer together. It creates a feeling on the part of the pupils that a higher education is needed by persons who control the farms of our country.

CORA E. PORTER,
Washington County.

I am not particularly in favor of adding it to the already overcrowded rural school program. I am a firm believer in township high schools, and believe that in these schools it can, and should be taught. A class of young people of the age of entrance to a township high school can profitably study the work in its various phases. In the lower grades it would be only another form of the much-abused "Nature Study."

A. L. BROWN,
Webster County.

I am of opinion that the study of agriculture as it would have to be presented with unprepared girls as teachers is not a thing to be desired. Encourage it but do not impose it as a legal obligation.

E. J. HOOK,
Winneshiek County.

I do not believe that the introduction of elementary agriculture into the public schools, to be made a special branch, would be practical or

advantageous. Neither do I believe the function of the public school is to make farmers, carpenters or butchers.

If the work of our public schools fits the pupil to educate himself by a competent study of books and his own individual power of observation it has perhaps fulfilled its mission.

There must be something left for the home education and it appears to me with the small amount of illiteracy existing in our state that the dissemination of knowledge so beneficial to our farm population may be carried on through the press at far less expense and be of far more value to farmers and farmers' children than by trying to reach them through the channels of the public schools.

Let the state establish a bureau for the distribution of leaflets from our college of agriculture. By this means every farm home may be supplied with information from a reliable and scientific source where it may be used in a practical manner.

L. C. BROWN,
Winnebago County.

In a distinctively agricultural state where more than 97 per cent of the land area is devoted to farming and where over 56 per cent of the total population lives on the farms, it is nothing but meet and just that the elements of agriculture should be taught in the rural schools.

Every rural child has a right to be taught the value, name, and nature of the different soils, plants, insects, and domestic animals.

The pupils of the rural schools should be given an opportunity to learn more about the occupation which perhaps more than 90 per cent of them will follow.

O. E. GUNDERSON,
Worth County.

For three years we have had agriculture taught in the institute in connection with nature study. We are not over-doing it, but we are getting many of the pupils interested in the book of life. * * * Teachers and pupils are doing field work and I think that many are learning

ANGUS MACDONALD,
Wright County.

BOY'S AGRICULTURE CLUBS AND GIRL'S HOME CULTURE CLUBS.

Closely allied with the movement for teaching agriculture is the organization of boys' agriculture clubs and girls' home culture clubs. This movement has gained considerable proportion in a number of states, and is particularly praiseworthy since it requires personal effort out of school hours, and encourages observation and reflection.

In Iowa the first club was organized by County Superintendent Miller of Keokuk County. At present 511 boys in this coun-

ty are members of the agricultural club, and 407 girls are members of the home culture club. In Iowa County the boys' club numbers 141, and the girls' club 165. So far as reported, but the two counties mentioned have these clubs in Iowa.

The following outline prepared by County Superintendent Ports of Iowa County will indicate the scope of the work. This outline is for the months of May, June, July and August.

FOR THE BOYS' AGRICULTURAL CLUB.

1. Weigh all the milk of two cows for a week. Why does one give more milk than the other? Does she eat more?

2. Make a garden six feet square of good ground. Sow radishes, lettuce and spinach. Plant one potato, two cabbages, one cucumber, two bush beans, two tomatoes and a few peas. Train the tomato to a stake and keep trimmed. Lay vines over the edge of the garden as much as possible. Keep clean of weeds. Keep record of time of sprouting, blossoming and fruiting.

3. Plant one currant bush, one cherry tree, one raspberry bush, one grape vine, and one shade tree. Keep clean of weeds. Plant one shade tree at the side of the school yard and take care of it. Make a record in the register of the date, kind of tree, height and name of pupils helping.

4. Cover a half dozen ears of corn with cloth or heavy paper sacks. Do this as soon as the silk starts. Have the sacks long enough to give the ear plenty of room and tie loosely about the stalk so that no dust can reach the ear. Plant a hill of corn alone in the garden at least ten rods from any other corn. Note effect on ear.

5. Count all the good heads of oats on a spot of ground a foot square. Count all the blasted heads on the same spot. Do this on five such spots and calculate the percentage of smut in the field, and the loss per acre in bushels.

6. Find a place where white and yellow corn are growing side by side. And then find where there are the most mixed kernels—at the butt of the ear, along the middle, or at the tip.

7. Find the greatest number of oat stalks growing from a single root.

8. Make notes on growth from the buds marked on the grape vine or apple tree. Care for the flower bed and keep a record of how many flowers you grow.

9. Collect flowers, leaves or small plants that interest you. Put them between several thickness of newspapers. Put one above another with a board on top, and put on brick or stone to press them. Open

and change papers every day or two until they dry, then lay away between sheets of plain paper, such as is used at the store for wrapping parcels. If you want to do it the best way have the sheets 11½ x 16½ inches. Bend the plants to this size before drying, then when dry fasten to the plain sheet with strips of court plasters or sew on with thread. Also write in the corner of the sheet the following:

Date
Name of collector
Name of plant
Where found

10. Visit the flock of sheep at shearing time and take the weights of at least twelve fleeces. Which shears the longer wool, a lamb (yearling) or an old sheep? Where will the ticks go when the sheep are shorn? What is to be done about it?

11. Plant a little corn out of doors, if not more than one hill, and measure and keep a record of growth each week. Do not stretch up the leaves, but measure as it stands naturally.

12. Collect and describe the blossom of wheat, oats, clover, timothy, and corn. In how many ways do they differ? Which are visited by bees, and why? Why are the others not visited by bees? Is it of any consequence to the plant to be visited by bees?

13. Find out whether grass blades grow from the point or from the base.

14. Study the horse and dog and learn which is the more intelligent; which shows more anger, fear, affection? Keep written notes and prepare a written report.

15. Watch the garden and the trees. Flowers are staminate and pistillate. Staminate flowers shed a fine dust, pollon, when ripe. The tassel of corn is the staminate flower and the silk is the pistillate. In how many ways is the pollen brought to the pistils of the flowers in different plants?

16. What is the largest number of good grains in a head of wheat? Of oats?

17. What should each crop yield per acre as grown in your neighborhood?

18. Work extra time and raise an acre of some crop if possible. Do all the work yourself and pay the rent for the land. Sell the crop and with the money buy pigs or sheep. Feed and sell these and in this way start a fund to be used for books or in going to school.

19. Dig up a clover plant in the growing season. These little swollen points that you see on the roots, called nodules or tubercles, are the home of bacteria, which, in their growth, take the nitrogen from the air. They live but a short time, and at their death this nitrogen is

available for common plants, which need large quantities of nitrogen, but being unable to get their own supply from the atmosphere are entirely dependent upon the soil supply, which is never large and is soon exhausted by cropping and by rains. Large crops can not be raised, therefore, unless this soil nitrogen be kept up. To do this by buying nitrogen in the form of fertilizer will cost fifteen cents a pound, and it will require over four pounds to grow a bushel of wheat. It can be secured for nothing, by growing occasionally, on every field those crops that are able to get nitrogen from the air through the tubercles on their roots. Only certain plants can do this. All others consume nitrogen without producing it.

Look carefully at the roots of all farm crops and determine which have nodules and which have not—then you will have classified crops into nitrogen producers and nitrogen exhausters.

Read chapters 3, 4, 5 and 6, Agriculture for Beginners.

FOR THE GIRLS' HOME CULTURE CLUB.

Nos. 1, 2, 3, 8, 9, 12, 13, 14 and 15 the same as for boys.

STUDY.

1. Furnishings—From standpoint of hygiene and expense. Treatment of floor, carpet, rugs. Amount and kind of furniture desirable, necessary. Original devices. Bedding, kind, quality. Knowledge of values in cotton cloth, mattresses, springs, blankets, etc.

2. Decorations—Harmony and color. Over decoration. Simplicity for hygienic and artistic reasons. Articles for needle work confined to useful articles. Value of time an element. Suitable pictures, subjects, kinds, expense. Knowledge of originals of pictures and artists who produced them.

Work cover for dressers and washstand. Other necessary articles not before mentioned in outlines, such as quilts, laundry bags, pin cushions, sponge case, etc.

We would like to have exhibited at our School Exposition this fall, sheets, pillow cases, dresser and sash stand covers, and all other articles made by the girls.

Read chapters 3, 4, 5 and 6 of "Letters to a Daughter."

THE KINDERGARTEN.

The following table shows the number and location of the free public kindergartens in Iowa. The time must come when

the kindergarten will be recognized as an essential part of the school training of children. The movement is slowly, but surely, gaining ground.

It is a pleasure to announce that we now have a well equipped kindergarten in connection with the State Normal School where teachers are being trained for this department of school work.

PUBLIC KINDERGARTENS.

Corporation.	No. Schools.	No. Teachers
Burlington	6	8
Cedar Rapids.....	4	8
Charles City.....	1	2
Council Bluffs.....	11	17
Creston.....	4	8
Denison.....	2	2
Des Moines-West.	21	34
Dubuque	7	14
Glenwood.....	2	2
Harlan.....	2	2
Hawarden.....	1	1
Ida Grove.....	1	1
Jefferson.....	1	2
Manchester ..	1	2
Marshalltown.....	7	.....
Mt. Pleasant.....	3	6
Onawa.....	1	1
Oskaloosa.....	5	5
Pella.....	2	2
Sac City	1	2
Sheldon.....	1	2
Villisca.....	1	1
Vinton.....	2	2
Washington.....	1	2
Waterloo-West.....	1	2
Webster City.....	1	2

KINDERGARTEN AT THE STATE NORMAL SCHOOL.

HARRIETT ELIZABETH GUNN, DIRECTOR.

With the beginning of the school year of 1904-1905 the board of Trustees organized a training school for kindergarteners. The kindergarten opened in the fall with a large class of students and the Training school kindergarten full of children. Two beautiful rooms were set apart for this work and each fully equipped with latest material.

The growth of the department has been so great that with the opening of the year 1905-1906 it was necessary to enlarge the department by equipping another room and providing an additional teacher.

The aim of this department is to qualify efficient teachers for positions in private and public kindergartens where superior skill and scholarship are required.

The kindergarten course comprises the three main requisites of a woman's education.

It gives broad liberal culture.

A technical training for a practical vocation.

Preparation for woman's highest destiny—the ideal training of childhood.

Two courses are offered:

I. Three-year regular course. This is for students who are not high school graduates.

II. Two-year high school graduate course.

I. In the regular course the following studies are taken:

First Year.

A

1. Vocal Music.
English Grammar.
2. Economics.
3. Principles of Education.
4. Algebra.

B

1. Arithmetic.
Vocal Music.
2. Penmanship and Bookkeeping.
3. Methods.
4. Algebra.

C

1. Drawing.
Geography.
2. Algebra.
3. Methods.
4. English Composition.

Second Year.

A

1. U. S. History.
Drawing.
2. Rhetoric.
3. Kindergarten.
4. Kindergarten.

B

1. Physiology.
Drawing.
2. Psychology.
3. Kindergarten.
4. Kindergarten.

C

1. Civil Gov't.
Reading.
2. Psychology
3. Kindergarten.
4. Kindergarten.

Physical Training and Literary Society Work.

Third Year.

A

1. School Management.
2. Kindergarten.
3. Kindergarten.
4. Manual Training.

B

1. Physics.
2. Kindergarten.
3. Kindergarten.
4. Manual Training.
Literary Society Work.

C

1. Physics.
2. Botany.
3. Kindergarten.
4. Kindergarten.

II.—HIGH SCHOOL GRADUATE COURSES.

First Year.

A	B	C
1. English Grammar. Vocal Music.	1. Arithmetic. Vocal Music.	1. U. S. History Drawing.
2. Economics.	2. Psychology.	2. Psychology.
3. Kindergarten.	3. Kindergarten.	3. Kindergarten.
4. Kindergarten.	4. Kindergarten.	4. Kindergarten.

Physical Training and Literary Society Work.

Second Year.

A	B	C
1. Drawing. Physiology.	1. Algebra.	1. Physics.
2. School Management.	2. Physics.	2. Physiography or Am. Gov't.
3. Kindergarten.	3. Kindergarten.	3. Kindergarten.
4. Kindergarten.	4. Kindergarten.	4. Kindergarten.

Physical Training and Literary Society Work.

The kindergarten studies are the same for the two courses. Following is the list.

Junior.

Mutter and Kose Lieder.
Gift and Occupation.
Stories and Juvenile Literature.
Music, Games and Songs.
Program work.
Teaching in Training School Kindergarten.

Senior.

Mutter and Kose Lieder.
Gift and Occupation.
Kindergarten Principles.
Mothers' Club Work.
Principles of Program work.
Practice in Training School Kindergarten.

The Training School Kindergarten has been crowded to its utmost capacity. At times there have been as many as twenty children waiting to come in. Each child is making a doll house of wood, containing five rooms. They expect to furnish these completely with furniture of their own manufacture.. Great interest has been taken in this department, the visitor record showing three thousand guests during the past year.

MANUAL TRAINING AND DOMESTIC SCIENCE.

While Manual Training is firmly established in but a few Iowa schools, the outlook for the future is encouraging. The need of such training is widely recognized, but two principal difficulties have stood in the way of its rapid extension:

First, there has been a dearth of thoroughly equipped manual training and domestic science teachers, and

Second, the popular impression has been that the expense incident to this kind of instruction is very great.

The first named difficulty will soon be in large part overcome, since a well equipped manual training department has within the past two years, been opened at the Iowa state normal school, where a large number of young men and young women are preparing themselves for this special work, while a domestic science department has been established both at the state school at Ames and at the normal school at Cedar Falls.

That the second objection is far less formidable than many suppose is shown from the following tables:

REPORT OF THE
MANUAL TRAINING IN IOWA SCHOOLS
FOR PROCESSES TAUGHT SEE NOTE BELOW

NAME OF CORPORATION	When Introduced	Number Special Rooms for Woodworking	Benches			Cost of Tools and Mach'n'y		Cost of Lockers, Cabinets and Fixtures	In What Grades	Number Taking	Material		No schools using rooms	What Grades do Woodworking
			Number of	Designed for How Many Pupils	Cost of Each	Set of Individuals	General				Do Pupils pay for it	Cost Per Pupil Per Year		
Burlington	1905	*	20	1	\$12 00	\$6 25	\$ 40 00		* 8-10	110	no	†	12	none
Carroll	1901	‡							all					
Cedar Rapids	1904	2	30	1	10 00		200 00		‡ 6-12	510	no	\$ 70	5	none
Clinton	1903	1	21	1	7 00		855 00	\$200 00	7-12	155	no	3 00		none
Davenport		1	10	2					9-12	369	no		14	yes
Decorah	1901	1	5	4	10 00		10 00	25 00	7-8	225	yes	2 50	24	4-6
Denison	1905	1	16	1	25 00		4 00	45 00	9-12	75	no	†		none
Des Moines														
North High	1902	1	22	1	6 00	3 25	350 00	20 00	9-12	24	no	†	1 50	3
West High	1888	1	17	1	25 00	3 25	1000 00	200 00	9-12	205	no	†	1 50	8
West Grades	1895	5	20	1	6 00	none	650 00	5 00	7-8	600	no	35	7	8
Dubuque	1904	1	20	1	26 13		205 00	125 00	8-12	137	no	50	1	
Ida Grove	1903	1	15	1					9-12	60	no	†		no
Iowa City	1895	1	10	2	30 00	9 50	1050 00	50 00	5-9	300	no	†	50	6
Le Mars	1905	1	12	2	13 50	5 10	140 00	50 00	7-8	90	no	40		no
Marshalltown	1902								all	2250	yes	10	7	4-7
Mason City	1890	2	14	1	8 00		300 00	50 00	7-12	170	no	†	1 00	
Missouri Valley	1904	1	15	1	15 05		75 00	20 00	9-12	50	no	2 00		7-8
Montezuma	1903	1	12	1	17 00		40 00		8-12	78	no	†	50	
Oelwein	1904	1	2	1	18 00		55 00		9-12	75	no	†	4 00	5
Onawa	1905	1	10	2	10 25		93 00		9-12	24				No

* Special building in preparation. † For work outside of course or to keep, yes

‡ Book Closets are used. § Bench and set

| Below seventh grade 40 cents ¶ Made by students x For 13 pupils, benches for 2, 3 and 4.

** The manual training in this school differs essentially from that done in most schools maintaining a manual training department. The work is offered to all the pupils by the regular teachers under the skillful direction of the city superintendent. The work is all voluntary and consists of knitting, darning, all forms of sewing, quilting, caning chairs, making brushes, telescopes, flower pots, vases, etc. Pupils and teachers are deeply interested and much of the work is done after school hours. The cost is practically nothing, since remnants from dry goods stores, cast off garments and other materials that have little commercial value are utilized.

NOTE:—Processes taught. Advanced; lathe work, Burlington, Clinton, Davenport, Des Moines West High, Ida Grove, Iowa City, Mason City and Missouri Valley.

Pattern making, Davenport, Des Moines West High. Mechanical Drawing, Cedar Rapids Mason City Carving, Cabinet Work. Des Moines North High and West High, Mason City and Missouri Valley. Elementary Processes. The elementary processes taught are practically the same in all schools offering work in the lower grades and includes paper cutting, weaving, basketry, cardboard work and braiding, while a few offer iron work, wood work and leather tooling.

DOMESTIC SCIENCE IN IOWA PUBLIC SCHOOLS

CORPORATIONS	When Introduced	Sewing Room	Kitchen	Tables or Desks	Individual Equipment.	Cost of Furnishing		Lockers	In What Grades	Number of Pupils	Cost of Material	Do Pupils Pay for Material	Number Using Special Rooms	Does Work Include Weaving and Basketry
						Sewing Room...	Kitchen.....							
Burlington.....	1905	yes	yes	13 *	yes †	\$ 76 00	190 00	\$16 00	8-10	145	***	no †	no	no
Clinton.....	1903	yes	no	3 ‡	yes	\$209 00		**	7-8	200	***	no	no	yes
Davenport.....	1888	no	yes	18	††		100 00	no	9-13	511	\$ 30	no	all	no
Des Moines—East. .	1905	no	yes		no					90		no		no

* Sewing room 9, kitchen 4; 4 pupils at a table.

† Kitchen equipment cost \$2.75. Sewing equipment furnished by pupils.

‡ In sewing, yes.

§ Seating eight pupils.

** "We have a case divided into 250 pigeon-holes, each numbered and containing a box numbered to correspond. This provides a place large enough to hold an apron and model book,"—From report of special teacher.

*** This school spent \$240 for sewing machines last year and \$20 additional for supplies. Pupils do not furnish material except for articles kept by them.

†† Not entirely.

THE PLACE OF DOMESTIC SCIENCE IN PUBLIC SCHOOLS.

BY GEORGETTA WITTER, AMES:

There is a growing appreciation of Domestic Science in our public schools. This is evidenced by its introduction in so many new places, but there is also a skeptical attitude in the minds of many as to its value; a tendency to class it among "fads," to regard it as one more of the new subjects that are over-crowding the curriculum. Professor Kinne says, "Even among superintendents, general teachers, and parents, who are its friends, there is a lack of formulated opinion as to its value, and a tendency to throw responsibility on the special teacher, and consequently there is a lack of vital connection with other school work."

Statistics show that Domestic Science, in some form, is taught in the elementary schools in more than sixty cities in the United States, in High and Manual Training Schools, besides being taught in a number of our Agricultural colleges, Universities and Normal schools—hence the school man who takes time to consider the situation finds himself confronted by an extraordinary economic incongruity—the expenditure of public funds for maintaining a subject, about which he knows little or nothing.

What is Domestic Science? Here are various household arts, such as preparation of foods, making of garments and keeping things clean. In carrying on certain processes, particularly cooking and cleaning, we are working with forces outside ourselves, and when we ask what these forces are and how they behave, we discover that here in these matters of daily life we are applying the principles of chemistry, physics and biology. In other processes, such as sewing, weaving and basketry, we are dealing with form and color and so applying the fine arts in the home. Broadly speaking, our subject is one form of applied science and art.

But Domestic Science is more than the application of science and art merely to the end that certain results may be correctly reached, for we must consider the place of these arts in the social order and this brings us immediately to the thought of the home and its conduct, the home as the place where the individual is given such physical and ethical surroundings that he is made an effective human being, the conduct of the home, on the material side, as the seeking to produce the best results with the least expenditure of energy, material, time and money.

Does society as a whole, show any needs that such a study would meet and answer? What is the reason that such a large proportion of our population is in a poor physical condition? Here is great economic waste, for lack of vigor means lack of effective accomplishment, and also makes necessary large expenditure of remedial measures.

With better shelter, water, ventilation, rational cleanliness and proper clothing, a check would be placed on this enormous waste, more real work would be done, and there would be fewer patent foods, medicines, and hospitals.

Another common waste is through poor buying and extravagant use of materials. To what are these things due? Doubtless to many influences, but potent among them are two: (1) Ignorance of women on these points in the management of the household; (2) Ignorance of men and women together in the management of that larger household, the city. The only way to remedy this, to reach all the people, is through our schools. This is the larger aim.

As regards the educational advantages to the individual consequent upon a right introduction of this subject into the time table, experience offers evidence that children gain increased power of muscular control and expression through the handwork. They become self-reliant and useful to others by the capacity thus evolved, while the variety of occupation is not only agreeable at the time, but conduces to their social value.

The subject also offers excellent opportunities for the development of the relating power, that is, for tracing cause and effect, and for the realization that successful practice depends upon a firm grasp of underlying principles. Luck becomes a myth, judgment as to time is developed, and good taste is formed in regard to color and form, in furnishings and clothing. It becomes apparent to the most self-willed child that in dealing with materials and forces it is not as we please, but as nature pleases, and to control her we must obey her. While, at first sight, it would seem a small matter for pupils to make a loaf of good bread, yet see what it involves. They are free individuals and may do as they please. They may please to pour boiling water on the yeast, forget the salt, refuse to make their muscles work effectively, let the dough stand a length of time convenient to themselves, and fail to manage the oven dampers. What then? Nature has gone quietly on her way and returns to them their just due; their own careless selves expressed in a soggy, dark, sour, ill-haped loaf of bread. We have here in concrete terms the whole matter of the limitation of the individual by his environment. Through a series of such experiences there comes an understanding of what law means, and self-control, obedience and freedom.

Taking the thought and handwork together, the subject gives the school a field where the knowledge and powers gained in other subjects may be applied to practical ends and conversely, it stimulates an interest in other subjects. This idea of application is an essential part of the plan that aims to make a close connection between school and home life.

Here at Iowa State College Domestic Science forms a part of the General and Domestic Science Course as well as the Domestic Science Course. It may, to some extent be elected in the Science Course. Our aim

in the General Course is to prepare our college girls to be good home makers. Our Domestic Science Course is designed to prepare teachers of Domestic Science.

Last year our enrollment in all courses in Domestic Science was over five hundred. The girls spend from four to fourteen hours per week. At present we have forty-five eighth grade girls from the Ames public schools coming to us for instruction in Domestic Science. They spend two hours per week in this work. The cost of material is three cents a child per lesson.

Our public school kitchen was equipped at a cost of \$200.00. This includes individual equipment for twelve girls.

The course as outlined includes a study of fuels, stoves and ranges, making and care of a fire, care of stove, fuel, foods and proper cooking of same. Relation of food to body, care of sink, washing of dishes and care of dish towels. Fats and oils, proper cooking, proteids and cooking. Serving of simple meals.

HANDWORK IN PUBLIC SCHOOLS.

BY PROFESSOR CHARLES H. BAILEY, IOWA STATE NORMAL.

It is the purpose of this article to point out a few of the most important things which it is believed that manual training in the public schools should stand for and accomplish, and to offer some suggestions as to the actual work in the different grades. Nothing beyond a bare outline of the argument can be presented in the space available here; no attempt will be made to elaborate the points set forth.

It is probably a generally accepted theory that education should be a fitting of the individual for life, and an actual training in living. Modern education should be a preparation for modern life and a training in modern living; in this country it should be a preparation for life in a democracy—for citizenship in a country and at a time in which citizenship means more than at any other period of the world's history or in any other country on the globe. It is the function of the school as a factor in education to do its part toward making this preparation complete and effective. If this is true, the work of the school should be based upon a study of the demands that civilization and society makes upon the individual—by a study of the environment.

One of the most significant factors in present-day life is the element of industrialism. This is an age of industry—a time in which a large majority of those persons who are engaged in gainful occupations are concerned in the doing of things with their hands. The figures of the United States Census Reports show this to be true. More than ever before in the history of the world, thought and energy are being directed along those channels and toward those things that make for economical

production and application of power, for rapid transportation, the development and improvement of machines and mechanical appliances, the securing of easy and immediate communication, the working out of better methods of heating and lighting of buildings, greater ease of production and increased output of all sorts of manufactured articles—in fact, the whole industrial problem is occupying the attention of the world as never before.

A large majority of the pupils of the public schools will at some time have a place and a part in this industrial movement, and the school should in some measure prepare the pupils for this work by bringing into the school the elements of these industries—by giving the pupils training in the actual making and doing of things that have a relation to this whole field of construction and the constructive arts. From this point of view, manual training in the public schools should serve to represent and interpret to the child the art and industry of modern civilization. Perhaps only a few things can be done, but these may be typical and illustrative of the larger things of real life. The handwork in the schools should be planned with this in mind and much that is done should bear a vital relation to, and serve to interpret faithfully this phase of the child's environment.

There are other tests to which handwork in the schools should measure up. The work done should be of value to the child, should be appreciated by the child so that he will have a motive for its accomplishment. Unless this motive is present in the doing of the thing—a motive on the part of the child, not that of the teacher, a large part of the value of the work will be missed. This means that the things made should appeal to the child himself as reasonable and desirable things to make. They must be a part of the life of the child, must be the art and industry of the child's life, while at the same time they represent the art and industry in the world around him.

The work done should be an expression of the child's own thought. One of the chief values of handwork is to be found in the fact that, when properly performed, it is a means of thought expression, of expression in a natural, concrete way. This fact must be remembered, particularly when working with the young child. We are told by psychologists that no mental act is complete without corresponding reception and expression. The carrying out of a thought into action is a necessary complement of every complete mental act. The element of action is as important as that of reception. Experience with the young child teaches that doing things, making things, representing things in material, concrete forms is a natural means of expression, the most natural. Handwork in the schools should be such an expression of the child's thought.

A study of the development of children teaches that working with the hands is not only a natural means of expression, but that most of the child's knowledge of the things around him is gained through actual contact with these things, through the motor centers, through manipulating

things, handling things, doing things. He is an active, not a reasoning being. Consequently, handwork for the young child should be the rational activity that has for its purpose the initiation of the child into its surroundings—an introduction to all the facts of life with which he comes in contact and a means of gaining knowledge concerning them. It should compose a large part of the school work of the young child.

A large part of the work done should have a value in itself—a subject matter value. Some things may be done merely as a means of expression and representation, but processes may be chosen that are worth while to learn as processes, and the work done be of real value, at the same time fulfilling other conditions. The subject matter value of this work must not be lost sight of in the emphasis upon its training and developmental value, nor must the subject matter value be the whole consideration as has been the tendency at times.

Manual training has its chief value when it is correlated in a vital way with the other work of the school and not taught as a thing apart. It may be brought into immediate connection with the work in arithmetic, reading, history, geography, nature study, etc., and made to vitalize these things, bringing to them a new interest and a new meaning. This correlation should be made wherever it can be done in a natural way, but it is a mistake to attempt to correlate in an artificial manner merely for the sake of correlation. Handwork has a value in itself, aside from its connection with other things, and its use that way may be justified, but when a natural correlation with the other work can be made it adds to and strengthens both the handwork and the subjects with which it is connected.

As a child grows older and develops, he is able to better appreciate relationships and to reason from cause to effect, consequently handwork with him begins to have a different meaning. He is better able to realize the value of the process for its own sake—for the skill he acquires and the possibility of applying this skill to practical uses. He is able to see the work in its relation to some future occupation or need, and thus it becomes to him more of a means to an end and not simply an end in itself as it is to the younger child. Thus we are able at this stage to give more attention to the details and technique of the process, and the whole work becomes more specialized. For this reason, the work done in the upper grades and the high school differs in character from that in the lower grades, and also, to some extent, in motive and in the method in which it is conducted.

In the following paragraphs will be found a brief outline of the forms of handwork that may be introduced into the different grades and something of the way in which it may be conducted.

It is generally considered that the manual training work in the grades below the seventh must be done in the grade room by the regular teacher, while that above the seventh grade must usually be done

in the special room under the instruction of the special teacher. There is no very uniform practice in this regard but the limitations of ordinary school conditions seem to confine the work of the special teacher to the upper grades.

Since the work in the lower grades must be done in the regular school room at the ordinary school desk, the processes introduced must be such as do not require elaborate or expensive equipment and must be capable of being done at the school desk. Some of the things that may be done in the different grades under these conditions are given below.

First and Second Grades.—Paper cutting and folding; clay modeling; sewing; simple weaving with rags, raphia or yarns; cord work; illustrative work on the sand table; painting and drawing.

The paper work, drawing, modeling and sand-table work may be connected with the work in reading by using them as a means to illustrate stories read, and to make things spoken of in the stories. Cardboard work and weaving may be used as an aid to the study of arithmetic, weaving may be connected with the stories in history, and the sand table be used to teach something of local geography. There are many opportunities to correlate the handwork in these lower grades with the other work of the school.

Third and Fourth Grades.—Cardboard work; weaving; making mats, handbags, hammocks, baskets, etc. from raphia and other pliable materials by braiding and sewing, knotting, weaving, etc.; making simple baskets of reed and of reed and raphia combined; simple knife work in thin wood; clay modeling; sewing; painting and drawing. Where possible, this work should be correlated with the regular work as suggested for the first and second grades.

Fifth and Sixth Grades.—Card board work, using heavier and stiffer materials and making more substantial articles such as boxes, portfolios, book covers, etc.; knife work in thin wood; basketry, using reeds and splints; bent iron work; leather work. Bench work in the special room may be given with profit if it can be arranged.

Seventh and Eighth Grades.—Wood work in the special room; leather work; sheet-metal work. Sewing and cooking for the girls.

High School.—Bench work; wood turning; pattern making; forging; foundry work; machine shop practice; mechanical drawing. Cooking and sewing for the girls.

The work in the high school requires expensive equipments and few schools are able or willing to expend large sums of money on this specialized work. Much can be done in the grades, however, with little equipment and at small expense, and inasmuch as handwork as an educative process has its greatest value in the lower grades, that phase of the work may well first occupy the attention. The course of study

can be greatly enriched in these grades by the wise introduction of some forms of handwork.

MANUAL TRAINING AND DOMESTIC SCIENCE IN THE IOWA STATE NORMAL SCHOOL.

The Iowa State Normal School at Cedar Falls, recognizing the increasing prominence given to the manual arts in the public schools and appreciating the demand for teachers trained to give instruction along these special lines, has established a Department of Manual Training and Domestic Science in order that its students may have an opportunity to thoroughly prepare themselves to take positions as supervisors and teachers of these special branches. Special diplomas are granted which exact the same high standards of scholarship that obtain in the requirements for the regular diplomas but give recognition to the special training which these courses involve. These special diplomas, Director of Manual Training or Domestic Science and Teacher of Manual Training or Domestic Science, are equivalent in standing to the regular diplomas and require respectively three years' and two years' work beyond a regular high school course.

The courses leading to the special diplomas in manual training involve, besides the constants for the regular courses, about two years of special manual training work which includes a thorough technical training in the various processes that are being introduced into the schools as forms of handwork, and also a study of the history, theory and practice of manual training, together with problems of organization and methods of teaching.

Special equipments and suitable apartments have been provided for giving instruction in mechanical drawing, bench work in wood and in wood turning. Provision will be made later for giving instruction in metal working. Instruction is also given in those forms of handwork such as paper and cardboard work, string work, weaving, clay modeling, raphia and reed work, sewing, leather work, bent iron, book binding, etc., which are adapted for use in the elementary grades.

The mechanical drawing room is equipped with twenty-one adjustable drawing tables with a full set of instruments for each table. These instruments are furnished to the students without charge. The total cost of this equipment was about \$435.00.

The room for bench work is furnished with twenty-one individual benches with rapid acting vises, each bench containing a set of tools such as are most commonly used. In addition to these individual tools, a set of general tools is provided composed of those for which there is only an occasional demand. There are also convenient tool cases and lockers for the students' work. The total cost of the equipment for this part of the work was about \$645.00.

In the wood turning room are four Reed lathes of four foot bed and ten inch swing operated by individual motors. Each lathe has a full complement of turning tools. More machines will be added as they are needed. The cost of this equipment was about \$485.00.

The equipment provided is somewhat more complete and expensive than would be necessary for similar work in the public schools. This is done that the students may have experience with ideal conditions, and in order to secure the greatest efficiency.

For the work in manual training for elementary schools little equipment is needed, and the students pay for all material used.

The diplomas in domestic science have the same standing as those in manual training and involve an equivalent amount of special work.

Convenient rooms and adequate equipments have been provided for giving technical and practical instruction in sewing and cooking. Theoretical courses in the study of food materials, house sanitation, household management, etc. are also given.

It is the purpose of this department to prepare its students to become teachers of domestic science, not merely to give lessons in sewing and cooking. The courses are planned to make this preparation as thorough as possible.

Manual training and sewing are being taught in the upper grades of the training school connected with the normal school, and it is purposed to introduce handwork into all the grades as rapidly as possible. Thus opportunities are afforded the students to observe this work in actual progress and to do practice teaching.

The interest in these special courses as evidenced by the number of students enrolled is very gratifying. About fifteen are taking courses leading to a special diploma in manual training, five are taking courses leading to a special diploma in domestic science, while a large number are taking electives in these branches. Electives in this department to the amount of one year's work will be credited to candidates for any diploma on the same basis as electives in any other department. The enrollment in the various courses since the opening of the department is given below and indicates something of the interest in this special work.

Fall term, 1904. Mechanical drawing 9, woodworking 27, sewing 16.

Winter term, 1904-1905. Mechanical drawing 20, woodworking 46, elementary manual training 68, sewing 12, cooking 12.

Spring term, 1905. Mechanical drawing 27, woodworking 42, elementary manual training 25, sewing 12, cooking 10.

Summer term, 1905. Mechanical drawing 8, woodworking 13, elementary manual training 138, sewing 8, cooking 3.

Fall term, 1905. Mechanical drawing 14, woodworking 23, elementary manual training 120, wood turning 9, woodworking for training school boys 34, sewing 7, cooking 19, sewing for training school girls 42.

THE JUVENILE COURT LAW.

The end sought in the Juvenile Court law viz., the saving of unfortunate children from vicious surroundings and the reclaiming of delinquent ones from lives of crime, is of the greatest importance to the state. It is doubtless true that the law, for the short time it has been in force, has not fully met the expectations of its friends. But there should, in my judgment, be no thought of its repeal at this time. There should be sufficient time given in which to test its efficiency and if weaknesses are apparent, they should be promptly removed by amendment.

For the first fourteen months the law was in force, 287 cases under it were tried, 43 counties being represented.

That the practical workings of the law might be set forth by persons best qualified to express an opinion, I have asked the Judges of the district courts where cases under the law have been tried, to give their impressions of its value, and have invited suggestions as to how it could be strengthened so as to better accomplish the purposes for which it was intended.

COMMENTS OF DISTRICT JUDGES.

HON. A. H. McVEY, 9th DISTRICT.

This law has been administered by me in this county during the year 1905, and a great many juveniles have been arrested under it and dealt with during this time. I am clearly of the opinion that the law is a very beneficial one. Criminals of both sexes are made out of the neglected and abandoned boys and girls. Crime will never be reduced to its lowest terms until the state takes hold of the problem at its source, and stops from becoming criminals the boys and girls which it should protect, educate and direct. This law enables the courts to take charge of this class of children. The defect in the law is that there is no pro-

vision made for the expense of its administration. If the law shall be so amended as to enable the proper authorities to levy and collect a tax for the administration of the law, and for the establishment of detention homes, it will prove in my judgment the most beneficial law that has been enacted for many years. I am very much impressed with the fact that this law with some few amendments will prove very efficacious in the saving of children who would otherwise be added to the criminal classes.

HON. F. M. POWERS 16th DISTRICT.

We have no place for the detention of juvenile offenders, pending trial, and until such a place is provided, the law is not practical.

HON. MATTHEW CLEMENT MATTHEWS 19th DISTRICT

I am firmly convinced of the necessity of such a provision of our statutes, and the great advantages to be derived by the persons, whom it is intended to benefit by an intelligent application of its provisions.

The change that I would suggest in the law, is that the probation officer be paid a salary of at least \$50 per month in cities of more than twenty thousand population; \$25 in cities of more than ten thousand population; \$12.50 in cities of more than five thousand population, and in counties where there are no cities of more than five thousand, \$10 per month.

HON. G. W. BURNHAM, 7th DISTRICT.

I find many features of the law which are to be commended highly and it seems to me that it is a movement in the right direction to reach and care for the young who may be found under such circumstances and surrounded by such environments as must necessarily lead to crime and make them criminals, if not properly dealt with, and I believe the provisions of the juvenile court law furnish means by which they may be carefully treated and put in the way of reformation and led in such a direction as to bring about a reformation and build up character.

It has some defects that should be remedied. First, some provision by which in each community or, at least, in each county, there may be a probation officer with suitable compensation for the time and expense he may necessarily be put to in looking after delinquents and dependents and those who have committed some offense. Secondly, a provision that in each county seat there shall be provided a suitable place where those who may come under the provisions of the juvenile court law may be detained until their cases are disposed of.

HON. JAMES D. SMYTH, 20th DISTRICT.

So far as the workings of the law have come under my observation, the chief difficulty seems to be in the care of the children who are taken into the custody, pending the hearing their cases. * * * I suppose

in time this difficulty will be remedied by provision of suitable places for keeping juvenile criminals between the time of the arrest and hearing of their cases, though I do not know just how the expense of such provision will be met. * * * The officers in my district have experienced considerable difficulty in this regard but in other respects the law appears to have worked well.

HON. J. F. CLYDE, 12th DISTRICT.

It has been beneficial in its operation so far as I have observed it. We have had a little trouble in caring for the children pending the final hearing in some cases.

I believe the state will have to provide a home for dependent and neglected children other than the Industrial School, and not be entirely dependent on Home Societies and individuals.

HON. N. W. MACY, 15th DISTRICT.

It impresses me that the law is cumbersome and causes much delay, trouble and expense in dealing with very trivial matters at times. The District Court is somewhat removed at times from the location of some little offense and it seems like such matters could well be disposed of by a tribunal nearer the people. The law has some advantages and good features. It should be made quite clear that the grand jury has jurisdiction to inquire into charges made against minors and return indictments therein when no proceedings have been had before the juvenile court.

HON. FRANKLIN C. PLATT, 10th DISTRICT.

I have found the juvenile court law inadequate to the necessities of nearly every case that has come to my knowledge, particularly for the reason that I have found it impossible to find a suitable person or institution outside of the industrial Schools of the state, that have been willing to take charge of the children whom I have found it necessary to commit, and I have always been obliged to commit such children to the Industrial School at either Eldora or Mitchellville. In other respects I have no particular fault to find with the law, except with respect to the age limit, which in my judgment ought to be eighteen years in the case of girls and twenty-one years in the case of boys. I have found that a good many cases were beyond the jurisdiction of the court on account of the children being over sixteen years of age. In my judgment there ought to be a "home" established by the state to which children could be sent, who are not vicious or incorrigible, and where they would be cared for pending some other disposition of them.

HON. H. M. TOWNER, 3rd DISTRICT.

I have only one suggestion to make; Sec. 6 of the act provides for the appointment of probation officers and prescribes their duties, but

says: "Said probation officers to receive no compensation." I have found in specific instances that persons appointed have resigned because of this provision. I would suggest that this be changed to allow the court to fix compensation to be paid out of the public treasury for services rendered or expenses incurred, in the same manner as is now done by the court in fixing compensation of guardians ad litem, etc.

HON. W. R. GREEN, 15th DISTRICT.

I have been unable to see that the law brought about any change for the better, but it may be too early for the results to show. The provision that juvenile offenders should not be committed to a jail is absurd. We already had a provision that they should not be confined in the same apartments with the older prisoners, and this was enough. It has always been the custom when boys were merely under arrest if not of exceptionally bad character to let them go in the custody of their parents until trial.

HON. J. R. WHITAKER, 11th DISTRICT.

In this judicial district I find that there exists among the members of the bar and among the various district judges that I have talked with, a great deal of confusion as to what the law is or was intended to be. * * * I would recommend that the whole law be referred to the judiciary committee at the next session of the legislature, so that they may re-write it, and make it clear in its provision, and bring it out of its present chaotic condition.

HON. FRANK W. EICHELBERGER, 2nd DISTRICT.

About the only practical change I can recommend is to absolutely repeal the sentimental bosh.

HON. M. A. ROBERTS, 2nd DISTRICT.

I am inclined to favor an amendment thereto providing for the appointment of a probation officer by the board of supervisors and authorizing said board to fix his compensation, the law fixing a maximum amount.

However, I think the law has not been in force long enough to have a fair trial, and would favor leaving it alone at least two years longer before making any amendment whatever.

HON. H. BANK JR. 1st DISTRICT.

I would suggest that some provision be made for a suitable place for the confinement of juvenile offenders. The sheriff has no such accommodations as are required by the law, neither has the probation officer, and I think the County and City should be compelled to furnish quarters which will meet the requirements of the law.

I would also suggest the advisability of giving the Justices of the Peace jurisdiction in misdemeanor cases with authority to refer such

cases to the probation officers who may be appointed by the District Court. The Court is not always in session in any one County and in case of the absence of the Court it makes large expense to transport these juvenile offenders to the place where the Court is sitting, and there appears to be no good reason why the Justices should not have power to act in all cases of misdemeanor.

OPINION OF HON. B. F. COFFIN,

CLERK OF THE DISTRICT COURT, DES MOINES, IOWA.

The law in its present form is ineffective. There should be a detention home, a juvenile officer, judge and clerk at proper salary. It should be amended so as to provide for punishment of parents for neglect of children. I have been informed that there would have been as many more cases if the law as it now stands were effective.

CASES TRIED UNDER THE LAW SINCE JULY 4, 1904.

County.	Number of Cases.	County.	Number of Cases.
Adams.....	1	Linn.....	23
Appanoose.....	5	Mahaska.....	18
Benton.....	7	Marion.....	1
Black Hawk.....	5	Marshall.....	3
Boone.....	1	Mills.....	1
Buena Vista.....	2	Mitchell.....	5
Clarke.....	1	Muscatine.....	1
Clinton.....	1	Page.....	6
Crawford.....	1	Polk.....	90
Des Moines.....	3	Pottawattamie.....	30
Dickinson.....	3	Scott.....	3
Dubuque.....	28	Taylor.....	3
Emmet.....	3	Van Buren.....	1
Fayette.....	2	Wapello.....	4
Hardin.....	1	Warren.....	3
Harrison.....	1	Washington.....	2
Howard.....	1	Wayne.....	2
Jasper.....	4	Webster.....	1
Johnson.....	2	Winnebago.....	2
Jones.....	2	Winneshiek.....	2
Keokuk.....	1	Wright.....	2
Lee.....	9		

SOME SUGGESTIONS TO BETTER THE IOWA JUVENILE COURT LAW.

BY MRS. CORA B. HILLIS.

The most progressive development in judicial principles in the United States in the past five years is undoubtedly the establishment of Children's Courts.

The new system of saving delinquent and dependent children by formative, rather than by punitive methods has swept over this country until now twenty-five states and over three score cities have a Juvenile Court Law.

In the limited space at my disposal I cannot discuss the working of the law in Iowa, except to regret that the original bill presented by the Iowa Congress of Mothers was so seriously amended as to cripple its effectiveness. I can only indicate some changes which are based on long study of conditions in other states operating the law, and on wide correspondence with judges and juvenile court workers. I have compiled these needs into twelve suggestions, some of which might properly be separate acts, but all of which are laws in various other states.

1. **A Broader Definition of Delinquency** as in Colorado and Nebraska, thus giving wise supervisory care to a larger class of children not now receiving help or control, and who if neglected, will eventually fall into serious delinquency. See Colo., Neb., Oreg., Wash., etc.

2. **Make it a Misdemeanor** to put any child under sixteen years of age in any jail or lock-up, punishable by a fine not to exceed one hundred dollars. See laws of Indiana, Nebraska, Colorado, Tennessee, etc.

3. **Provide for a Detention School** in counties of 50,000 by separate act (as in Pennsylvania) and for detention homes or rooms in smaller communities by the boards of county supervisors, to be paid for out of county funds in small towns, or specifically by the city councils, making it mandatory to provide a suitable place to detain, train, discipline and care for delinquent and dependent children.

4. **An Adult Delinquent Law** to provide for the punishment of persons responsible for contributing to the delinquency of children, and punishable by fine not to exceed \$1000 or imprisonment in county jail not to exceed one year. Thus bringing to justice parents or others who encourage children to steal, beg, enter saloons or evil resorts, or otherwise make it easy for a little child to go wrong. A law which has been of wonderful influence in Colorado, Nebraska, etc. etc.

5. **Provision for Appointment of Probation Officers** by the Juvenile Court which in addition to volunteer officers, shall have in counties of 15,000 one probation officer who shall receive from the county \$3.00 per day for time of actual service.

In counties above 15,000 and up to 50,000, one or not to exceed two officers, shall be appointed who shall receive a monthly salary to be fixed by a majority vote of the board of supervisors. In counties over 50,000, there shall be two probation officers, one of whom must be woman, who shall receive \$1200 and \$1000 annually, to be paid out of county funds, said funds, as all others, for juvenile court expenses to be raised by special levy for such purposes.

6. A penalty for giving or selling cigarettes, tobacco or tobacco paper, cocaine, morphine or any noxious, stimulating or harmful drug to children under eighteen, thus correcting a terrible evil growing among school boys and street boys in every community.

7. Enlarge section 13 to compel parents if able, to support child, or contribute to support after it has been placed in another home, or even in a state institution, thus reaching effectively that class who by swearing to the incorrigibility of helpless children, rid themselves of their support.

8. To section 16 add in summing up the spirit of the law "that as far as possible, any delinquent child shall be treated, not as a criminal, but as misdirected and misguided, and needing aid, encouragement, help and assistance."

9. Increase the age limit to eighteen years, rather than sixteen. Judge Stubbs of Indianapolis truly says that the majority of children brought before the courts are by their habits of life deprived of normal growth, and that at eighteen years of age are often less mature mentally and physically than well cared for children of fourteen or fifteen."

10. Trial of Children's Cases before police magistrates or justices of the peace should also be strictly prohibited, under penalty for so doing, in all towns holding district court. Every child should receive the benefit of all the helps which are best secured in the Juvenile Court proper.

11. Juvenile Court Judges should be allowed extra compensation for extra work incurred, and should invariably hold the children's court in separate chambers from adult cases, withhold names from the press and endeavor to secure for each child the same privacy he would like for his own.

12. Provide for hearing of Juvenile cases in small towns, away from seat of district court by mayor or city attorney, that every child in Iowa shall have immediate attention to his needs without loss of time or money, in transportation or detention, or suffer by a deferred hearing.

Apart from the above suggestions for incorporation into a new law, sentiment should be created for four things:

First. Inauguration of the report system as practiced in Denver, Portland, Indianapolis, etc. If a boy is obliged to sacrifice his inclinations Saturday mornings to report to the court, he gets a feeling of personal responsibility and of the majesty of the law, not gained by probation without personal report.

Second. Special training for probation officers' work is essential to intelligent, efficient service, to the saving of the child to citizenship, and to the permanent upbuilding of his character and environment. Each officer should be given a civil service examination based on educational

qualification, knowledge of child nature, the psychology of childhood, sociology as related to conditions among the poor and the criminal, legal knowledge in the proper conduct of juvenile cases, and above all, an uncommon share of common sense as indicated in replies to questions of what one would do in a given case.

Third. Family ties must not be disturbed until all else fails. While temporary detention of a child may be disciplinary to both parents and children, the permanent removal of a child from his own home should only be resorted to after every effort has been made to correct the environment contributing to the child's delinquency. If parental responsibility and co-operation cannot be secured, after intelligent and patient effort by the probation officer, then the child should be placed in a detention school for a limited period, cleaned up morally and physically, trained to better thoughts, habits, manners and tastes; then put into an approved family home where he can lead a normal child life.

Except in cases of extreme delinquency, no child should be sent to a state reformatory institution until other formative and probationary agencies have been tried.

Fourth. Opportunity for social service and missionary work of the finest type is open to Volunteer probation officers. The Juvenile Court needs scores of earnest business men and women to each look after one or more children.

The list of states having a Juvenile Court law is as follows:

Illinois	Pennsylvania	Tennessee
Wisconsin	California	Georgia
New York	New Jersey	Washington
Maryland	Louisiana	Oregon
Ohio	Iowa	Hawaii
Colorado	Michigan	Texas
Missouri	Nebraska	Connecticut
Minnesota	Utah	District of Columbia
Indiana	New Hampshire	

CIRCULARS OF INFORMATION AND SUGGESTIONS
ISSUED IN 1904 and 1905.

To County Superintendents:

In keeping with a time-honored custom, I take this occasion to extend to you the greetings of the Department of Public Instruction, and to wish for you the largest possible success in the important office you have been called upon to fill.

The county superintendent may do very much for the advancement of the educational interests of his county, and it is with the hope of assisting the newly-elected county superintendents in particular that the following suggestions are offered:

SCHOOL VISITATION. School visitation, if wisely conducted, is of the greatest benefit to teachers and pupils, and I beg to urge that you spend as much time in the schools as you possibly can, consistent with your other official duties. In his visitation, a skillful superintendent will cause the teacher to know that he is her friend and helper. Even in the poorest school, you will find something to commend. A brief mention of the best things observed will open the way to helpful criticism. It is not best to discuss school affairs with the teacher in the presence of the pupils. If a private interview cannot be held with the teacher at the time of the visit, a letter indicating lines of improvement may be mailed, or she may be invited to call at the superintendent's office for conference.

In your visitation you should inspect the school records critically to the end that possible errors be detected and corrected. A careful memorandum should be made of the condition of the schoolhouse, the school grounds and the outbuildings; of the apparatus in use and the provisions for its care; of the number and condition of the books in the library, and the provision made for their protection. I would suggest that, where practicable, you invite one or more of the directors to accompany you on your

school visitation. Certainly you should find some means by which to acquaint the directors with the conditions of the school as you see them.

TEACHER'S MEETINGS. There is need of a good school sentiment in every school district. The patrons should always evince a keen interest in the success of the school. The superintendent may do very much to create and sustain a healthy public sentiment toward educational affairs. In his travels over the county he will have opportunity to talk *good schools* to a *few* people; but more people should be reached than is possible in the chance interview. Teachers' meetings held in the different parts of the county, serve as an excellent means to advance educational interests. These meetings should be well planned. Subjects for discussion should be carefully selected and wisely assigned. You should, if possible, be present to put spirit and enthusiasm into the meeting. Prior to the meeting, a card bearing a printed invitation should be sent to every patron in the part of the county where the meeting is to be held. These cards could be sent in quantity to the several teachers and by them given out to the pupils.

2

APPEALS. Tact and good judgment, on your part, will enable you, in most instances, to avoid appeal cases. Counsel forbearance and a spirit of conciliation. If you are asked to act as an arbitrator, do so only when you have a written agreement signed by both parties to abide by your decision. An appeal case will usually stir up animosities that will live for years, and always to the detriment of the school.

EXAMINATIONS. The licensing of teachers is the most important duty you will have to perform. Your discretionary power in the issuing of certificates is very great. If you are satisfied that an applicant is deficient in scholarship, or of incorrect habits of life, or physically incapacitated to render satisfactory service as a teacher, the certificate should not be issued, and the case should be promptly and finally dismissed.

I heartily commend to you the wise suggestion of my predecessor when he says: "The successful examiner must display

good judgment, great firmness, and be supplied with an abundance of common sense."

Lists of questions will be sent for the months of February, March, April, July, August September and October.

SPECIAL DAYS. For a number of years, this department has furnished the teachers of the State special day leaflets for Flag Day, Arbor Day, Decoration Day, and Thanksgiving Day programs. This policy will be continued. We hope to send you, by the first week of February, a sufficient number of the Flag Day leaflet to supply the schools of your county.

MANUAL FOR IOWA NORMAL INSTITUTES. A new edition of the Manual for Normal Institutes will be issued and ready for distribution in time for the summer institutes. A copy of this Manual, and a copy of the Hand-Book for Iowa Schools should be in the hands of every teacher under your supervision.

CONCLUSION. It is the earnest desire of this department to be helpful to you, and we ask in return your hearty co-operation. Through our united efforts the cause of public education may be greatly advanced within the biennial period upon which we have entered.

JOHN F. RIGGS,

Superintendent Public Instruction.

January 9, 1904.

CONCERNING FLAG DAY.

The American public school is a school of patriotism. All its pupils should become well grounded in those civic virtues which make for good citizenship. In no way can this training be so effectively given as in the study of the words and deeds of those, who, in public and private life, have exemplified the best qualities of American citizenship.

While patriotic instruction is in place every day of the year, it is particularly fitting that the anniversary of the birth of Washington be set apart for special patriotic exercises. Let every

pupil commit to memory and repeat on this occasion some patriotic sentiment, and let all unite in the singing of patriotic songs and in the salute to the flag.

JOHN F. RIGGS,
Superintendent of Public Instruction.

Feb. 1, 1904.

OFFICIAL CIRCULARS.

Note.—In accordance with section 2735, the county superintendent is expected to send a copy of this circular to each secretary to be read to the board at its meeting on the third Monday in March. It is important that the separate circular to the secretary be mailed at once, and it is suggested that both circulars be mailed under the same cover.

TO BOARDS OF DIRECTORS.

School directors perform a most important public service, and without pecuniary reward. Their duties, which are many, cannot be well performed without some sacrifice of time and much thoughtful attention to the educational interests intrusted to their care. The fact that you have consented to hold the honored position of school director implies your willingness to perform the reasonable duties your office imposes upon you.

It may not be amiss to call your attention at this time to certain minimum standards that should be maintained in all schools. The children in one district are entitled to as good school privileges as are provided for the children in other districts. There should be practical uniformity throughout the state (1) in the length of the school year, (2) in the intelligent supervision of all school buildings, and (3) in the care and judgment exercised in the selection of teachers.

1. **The Length of the School Year.** In this state the prevailing school year is nine months, usually divided into three terms—fall, winter and spring, the terms not necessarily of equal length. The fact that the average time the schools of Iowa were in session last year was eight months, indicates that many schools were in session an unreasonably short period. I beg to urge upon your attention the advisability of making your school year nine months if possible, or at least eight months.

In districts having but few children of school age it will often be advisable for the board, with the consent of the county superintendent, to temporarily close the school and transport the children to an adjoining district.

II. **Supervision of School Buildings.** The school board should provide for the employment of a competent person to put the school

grounds and outbuildings in proper condition, and to thoroughly clean the floors, walls and desks of the schoolroom a few days before the opening of each term of school, and should pay for this service from the contingent fund. The director should then personally inspect the schoolroom and outbuildings that he may satisfy himself that they are in good condition. Superintendents report that very many outbuildings connected with the schools throughout the State are filthy and repulsive. The interests of life, health and decency require that greater attention be given to this important part of school supervision.

III. Employment of Teachers. The most important and at the same time the most difficult duty directors have to perform is the employment of teachers. This duty should, as a rule, be performed by the full board. The board should, where practicable, employ teachers for the full school year, beginning with the fall term. While the contract should be made for the full year, it is advisable for boards, in the case of untried and inexperienced teachers, to reserve the right to terminate the contract at the close of the first term if the teacher's service has not proved satisfactory to the board.

I earnestly recommend that you determine the salary you will pay for the year and make it a matter of record. It is quite customary to pay \$5 or \$10 per month more to a teacher holding a two years' certificate than to one holding a low grade certificate. This policy is heartily recommended. A fixed purpose on your part to pay liberal salaries will attract many applicants and make it possible for you to select capable, tactful teachers.

Library. Your attention is called to the provisions of the library law. This law is mandatory. Your school treasurer is required to withhold for the purchase of library books 5 cents for each person of school age in your school corporation, and a larger amount (up to the limit of 15 cents) if directed by the board.

School boards have very generally complied fully with the provisions of this law. Your attention is now called to the necessity of installing book cases or other means for the protection of the books where such provision has not been made.

Arbor Day. Friday, April 29th, will be observed throughout the state as Arbor Day. All public school teachers of the state will be furnished with the Arbor Day manual, now in preparation, and you are asked to lend your assistance in making the celebration a notable one in your schools. In this connection your attention is called to section 2787 of the School Laws. If the provisions of this statute are not already met in your district April 29th will be an excellent time to give it effect.

Conclusion. It is our wish to co-operate with you fully in the great work of advancing the educational interests of Iowa and it is our hope that the schools under your supervision will steadily advance in efficiency.

February 20, 1904.

JOHN F. RIGGS,
Superintendent of Public Instruction.

March Meeting of Boards. The boards of all school corporations hold their first regular meeting on the third Monday in March. No action of the new board would have any force if taken before that date. The place of meeting must be within the civil township in which the corporation is situated. Members elect may qualify on or before the third Monday in March. In case of failure to elect, or to qualify, the incumbent may continue in office. If he fails to qualify there is a vacancy to be filled by the board; and the person appointed holds only until the next annual meeting of the electors. A director may administer the oath to any director-elect and to the president; or such person may qualify before some one authorized by law to take an acknowledgment. Every duty imposed upon the board as a body, in order to have legal standing, must be performed at a regular or special meeting, and be made a matter of record.

At this meeting boards are empowered:

1. To admit members-elect, and to fill the membership of the board. See sections 2757, 2758 and 2771.
2. To elect by ballot from the board a president, who must take the oath of office required by section 5, article 11, constitution of Iowa. Section 2757.
3. To require the secretary to file with the officers named in section 2766, a certificate of the election, qualification and post office address of the president, secretary and treasurer.
4. To transfer any surplus in the schoolhouse fund unappropriated, to either the contingent or teachers' fund, if instructed by the electors to do so. Sections 2749 and 2778.
5. To provide for the teaching of any special study ordered by the electors to be taught as a branch. Sections 2749 and 2778.
6. To take the proper steps to carry out the express wishes of the electors upon matters within the control of such electors. Sections 2778 and 2779.
7. To make any contracts, purchases, payments, and sales necessary to carry out a vote of the electors. Section 2778.
8. To confer with the county superintendent as to the most approved plan for the erection of any schoolhouse. Section 2779.
9. To fix schoolhouse sites and to order the removal of any schoolhouse. Section 2773.
10. To establish graded or union schools wherever they may be desirable. Section 2776.
11. To prescribe a course of study and the branches to be taught. Section 2772. This must include the subjects directed to be taught in all schools by section 2775.

12. To adopt such rules and regulations as may be needed for the general government of the schools. Section 2772.

13. To provide for change of text-books, if so voted by the electors. Section 2829.

14. To use contingent fund in the treasury to purchase records, dictionaries, library books, maps, and apparatus, to the extent of \$25 yearly for each schoolroom. Section 2783.

15. To furnish the necessary books to indigent pupils. Section 2783. If free text-books have been voted, the board will take measures to carry out such vote.

16. To give especial attention to the matter of convenient water-closets, as required by the mandatory provisions of section 2784.

17. Where county uniformity is not in force, to purchase text-books to be resold to pupils, in accordance with sections 2824 to 2828.

18. To direct shade trees set out on each site where the required number is not now in growing condition. Section 2787.

19. To effect an insurance on school property with unappropriated contingent fund. Section 2783.

20. To examine the books and accounts of the treasurer, and make a proper settlement with him. Sections 2780 and 2769.

21. To make such rules and regulations as may be thought necessary to govern and control the board as a body. Section 2772.

22. In school townships, to adopt rules and regulations for the government of each director in the discharge of his official duties. Sections 2772 and 2785.

23. To determine the number of schools, the time more than six months they shall be taught, and where each child shall attend school. Section 2773.

24. To elect teachers and to fix the compensation of each teacher. Section 2778.

25. To estimate the amounts required for the teachers' and contingent funds, and for text-books, and cause the secretary to certify the same with the amount voted by the electors for schoolhouse purposes, to the board of supervisors. Sections 2753, 2806 and 2825.

26. In school townships, to apportion the schoolhouse taxes among the subdistricts, and cause the secretary to certify such appointment in strict accordance with section 2806.

27. To direct upon what terms non-residents not entitled by section 2803 to attend, may be admitted. Section 2804.

28. To arrange for the instruction of children in other districts and to provide for transporting children to school. Section 2774.

29. To provide for the visitation of the schools of the district by one or more of the members of the board. Section 2782.

30. In independent school districts, to make provision for a kindergarten for the instruction of small children. Section 2777.

31. To vote a rate of schoolhouse tax to pay interest on bonds, or to pay the principal maturing, if the electors have failed so to vote. Section 2813.

32. To provide for the enforcement of the provisions of the law for compulsory education. Chapter 128, Acts of the Twenty-Ninth General Assembly.

33. To take any other action consistent with the law that will tend to increase the value and efficiency of the schools.

TO THE SECRETARY:

Your particular attention is called to the provisions of section 2746 and section 2749 of the School Laws of Iowa, edition of 1902.

The supreme court has held in a decision rendered October 27, 1902, in the case of *Goerdts vs. Trumm*, that the powers delegated under section 2749 can be exercised only when notice has been given as provided by section 2746, and that such notice must be specific in the statement of the propositions to be submitted.

Under this decision of the supreme court it will be necessary for your board to direct you to include in your notice of the annual meeting to be held on the second Monday in March specific statement of such propositions as they may desire, or may be required to have submitted to the voters.

It has been held by this department heretofore that the "powers" enumerated under section 2749 could be exercised by the voters when legally assembled even though the ten days' notice had not been given (see note 2, section 2746). But this late ruling of the supreme court not only makes such notice necessary, but requires that the particular propositions to be considered must be clearly set forth in your notice.

JOHN F. RIGGS,
Superintendent Public Instruction.

February 20, 1904.

COUNTY SUPERINTENDENTS CONVENTIONS,
SPRING OF 1904.

TO THE COUNTY SUPERINTENDENT:

In accordance with Section 2622 of the Code which provides that the Superintendent of Public Instruction may meet the county superintendents at such points in the State as may be most suitable, you are hereby called to meet in convention as follows:

Muscatine, March 31 and April 1.

Sioux City, April 14 and 15.

Waterloo, April 19 and 20.

Council Bluffs, April 26 and 27.

Des Moines, April 28 and 29.

Meetings will begin at one o'clock p. m. on the first date given.

Section 2742 guarantees to you the expenses incurred in attendance upon one of these meetings. It is expected that you will be present and take an active part, unless for some good reason you are prevented from attending.

JOHN F. RIGGS,
Superintendent Public Instruction.

SUGGESTIVE SUBJECTS FOR DISCUSSION.

1. Recent school legislation.
2. The National Educational Association at St. Louis, June 28 to July 1.
3. How may better salaries for teachers be secured?
4. How may the institutes be made of greater value to the teachers?
5. Should examination for teachers' certificates immediately follow the institute?
6. What shall be done with the incompetent teachers?
7. Means of securing high school advantages for country youth.

8. How may the department of public instruction render better service to the cause of common school education?
9. The Iowa state teachers' reading circle.
10. How may school sites be beautified and school property improved?
11. Should agriculture be taught in the district schools?
12. What should be the standard for first grade, second grade and third grade certificates?
13. Is consolidation of schools practical in any part of your county?

CONCERNING ARBOR DAY.

April 29th as Arbor Day should be a red letter day in our schools. On this day in particular the minds of the children should be turned to the contemplation of nature in her many forms. It is recommended that the day be celebrated in speech and song, and in the planting of trees and in the beautifying of school grounds. Every school site should be made a place of beauty. In every school district there are people of taste and refinement. Let these organize themselves into a school Improvement Society and, with the children as auxiliary members, plan and execute improvements on April 29th that will add to the permanent beauty and attractiveness of the school premises. Where such a society is organized its work should not end with the day, but through the summer vacation the school grounds should be cared for so that all who look upon them will see a place of beauty and not a wilderness of weeds.

School grounds should be laid off with design,—with flower beds, with grassy plots and with play-grounds and screened out-buildings for boys and girls. The school in external appearance would then become one of the most beautiful spots in the district, in which every child and every citizen would take pride; and this

attractive appearance should, so far as possible, be maintained throughout the year.

It is my earnest hope that Arbor Day will be a glad, joyful day for the children of Iowa.

JOHN F. RIGGS,

Superintendent of Public Instruction.

March 16, 1904.

RULING CONCERNING INSTITUTES.

TO THE COUNTY SUPERINTENDENT:

An official opinion from this department has been asked by a number of county superintendents on the following question: "Can expenses incurred by a county superintendent in conducting a professional teachers' institute in addition to the regular normal institute be paid from the institute fund?"

Section 2626 says: "He (superintendent of public instruction) shall appoint, upon the request of the county superintendents, the time and place for holding teachers' institutes, such institutes to be called when it is probable that not less than twenty teacher will be present, and remain in session not less than six working days, of which time and place of meeting he shall give notice to the county superintendent of the proper county."

It is the evident intent of the law that the six working days required as a minimum shall be consecutive days. There is, however, nothing in the law to prevent a county superintendent's holding one or more subsequent sessions of the normal institute during the same year, provided application is made in due form (all sessions to be designated in the same application) and approved by the superintendent of public instruction.

No money can be paid from the institute fund for services rendered in connection with the normal institute, whether the initial or a subsequent session, that has not been regularly appointed by the superintendent of public instruction.

JOHN F. RIGGS,

Superintendent of Public Instruction.

April 25, 1904.

CIRCULAR CONCERNING SCHOOL ENUMERATION.

Note to the County Superintendent:

You will please forward a copy of this circular to the secretary of each independent district in your county, and a copy to each subdirector in school townships.

THE SCHOOL ENUMERATION.

TO DIRECTORS AND SECRETARIES:

It is of the greatest importance that the School census be accurate and complete. Accuracy in statistics is essential *always*, and particularly so in this case, since the interest on the permanent school fund to the amount of over \$200,000 per year is distributed among the several districts of the state in proportion to the school enumeration. The omission of a name that belongs on your list will, therefore, lead to a direct financial loss to your district.

The official reports made to this office for the past five years show a surprising variation from year to year in the number of persons in the state between the ages of five and twenty-one years, and give rise to the suspicion that errors may have been made in the taking of the census. Indeed, it is very evident that either the persons taking the School census or those taking the Federal census are in serious error, since the Federal census taken in 1900 shows the number of persons in the state that year, between the ages of five and twenty-one years to be 767,870, while the returns from school officers show the number to be 731,154.

The School census, as reported to this office for the past five years, is as follows:

In 1899 persons between five and twenty-one.....	727,775
In 1900 persons between five and twenty-one.....	731,154
In 1901 persons between five and twenty-one.....	735,159
In 1902 persons between five and twenty-one	728,810
In 1903 persons between five and twenty-one.....	721,486

The law requires that the School census shall be taken between the first and tenth days of September, in each year.

Every person in the district who on the tenth day of September has reached the fifth and not passed the twenty-first birthday is to be counted. To be complete your list must include all persons of the stipulated age, even if married or temporarily absent to attend school or engage in work. A child in one of the charitable or reformatory institutions must be enumerated in the district where his parents reside.

Your attention is called to the School Laws, Edition of 1902 as follows: Section 2785 and notes 15 to 18, page 61; Section 9 of Chapter 128, page 108, and to Form Number 34, page 135.

JOHN F. RIGGS,
Superintendent Public Instruction.

August 12, 1904.

CIRCULARS.

TO BOARDS OF DIRECTORS:

Note to County Superintendents: In accordance with section 2735, you will please send to the secretary of every school corporation in your county a copy of this circular to be read at the regular meeting of the board of directors on the third Monday in September.

REPORTS OF SCHOOL OFFICERS.

Boards of directors when convened on the third Monday in September may exercise a large range of powers as named in certain sections of the school law to which reference is made herein. Your attention is called to the fact that some of these powers are mandatory, chief of which is the settlement with the school treasurer, which settlement must be made in strict compliance with the law.

Full and complete reports must be made at the annual meeting in September by both the treasurer and the secretary. These reports must be verified and they should then be approved by the board. Immediately after the reports are approved, an exact copy of each should be made by the proper officer, and the copy mailed at once to the county superintendent.

COMPULSORY SCHOOL ATTENDENCE.

An important change in the compulsory attendance law was made by the Thirtieth General Assembly. The law now requires that all children in Iowa who have reached the seventh and not passed the fourteenth birthday are required to attend school (public or private) for sixteen (16) consecutive weeks. Attendance must begin as soon after the first of September as the school may open, but the board of directors may postpone the date of entry for any child to a date not later than the first Monday in December.

The duty of school directors in enforcing this law, and the penalties to which they are liable in failing or refusing to enforce the same, are set forth in section 6, page 108 of the School Laws of 1902.

THE LIBRARY LAW.

Attention is again called to the provisions of the Library Law which the courts have held to be mandatory.

In the case of N. Willett, County Attorney, v. Rural Independent District No. 5, Military Township, Winneshiek County, O. T. Lommen, Treasurer, a decision was handed down by the district judge in the Winneshiek county May term of court, 1904, to the effect that the school treasurer must, annually, withhold five cents from the semi-annual apportionment for each person of school age in the corporation, the same to be invested by the board in library books.

A new and enlarged library list has just been issued, as required by law, and will be in the hands of your county superintendent not later than October 1st.

TEACHERS' WAGES AND TENURE.

The common practice of paying a varying wage through the year, that is, paying less per month during the fall and spring than during the winter, is not to be commended.

It is the general practice in town and city districts to employ teachers for the entire school year, beginning with the fall and ending with the spring term, and to pay the same salary for each of the nine months. A number of the school townships in Iowa have recently adopted this plan and we commend it to the favor of others. Tried and competent teachers should be given a contract for the entire year—not for a term at a time, and wages should be paid commensurate with the services rendered. Reports indicate that, within the past year, many boards have advanced the wages of their teachers, but this has been by no means general. The eighteenth report just issued by the commissioner of the labor bureau of the United States shows that the average cost of living in this country has increased 15.5 per cent since 1896. It may be interesting for you to compare the wages you now pay

your teachers with the wages paid eight and ten years ago. The advance in wages should at least keep pace with the increase in the cost of living.

With the earnest hope that the year upon which your schools are entering may witness the best possible progress for the children of Iowa.

Very truly yours,

JOHN F. RIGGS,
Superintendent Public Instruction.

August 15, 1904.

September Meeting. The boards of all school districts are required by law to hold a regular meeting on the third Monday in September. Among the items of business that may be transacted are the following:

1. To fill, by ballot, any vacancies among the officers or members of the board. Section 2771.
2. To examine the books and accounts of the treasurer, and make a proper settlement with him. Section 2769.
3. To elect a secretary, and also a treasurer, in all districts in which he is not chosen by the electors. Section 2757.
4. To fix the compensation of secretary and treasurer. Section 2780. And to fix the amount of their bonds. Section 2760.
5. To fix schoolhouse sites, and to order the removal of any schoolhouse. Section 2773.
6. To establish graded and higher schools wherever they may be necessary. Section 2776.
7. To prescribe a course of study in the branches to be taught. Section 2772.
8. To adopt such rules and regulations as may be necessary for its own government, as a board, and that of the directors, officers, teachers and pupils. Section 2772.
9. To determine the number of schools, and the time more than six months that they shall be taught during the year. Section 2773.
10. To direct upon what terms nonresidents, not entitled by section 2773 to attend free of tuition, may be admitted. Section 2804.
11. To effect an insurance on school property with contingent fund not otherwise appropriated. Section 2783.
12. To adopt rules and regulations for the government of the director in each subdistrict in school townships, in the proper discharge of his official duties. Section 2785.
13. To make any contracts, purchases, payments and sales necessary to carry out a vote of the electors. Sections 2749 and 2778.

14. To use any unappropriated contingent fund in the treasury to purchase dictionaries, library books, maps, charts and apparatus. Section 2783.

15. To arrange for building and maintaining fences about school-house grounds. Chapter 88, laws of Twenty-seventh General Assembly. See page 99, School Laws of 1902.

16. To issue "funding bonds" to pay any judgment, or any bonds lawfully issued against the corporation. Section 2812.

17. To give special attention to the matter of convenient water-closets, as required by the mandatory provisions of the law. Section 2784.

18. To instruct the treasurer how much more than five cents for each pupil enumerated shall be withheld for library purposes. Chapter 110, Acts of the Twenty-eighth General Assembly. Page 103, Laws of 1902.

19. To instruct the secretary to file with the county superintendent, county auditor and county treasurer the name and postoffice address of the president, secretary and treasurer of the district, promptly according to the law. Section 2766.

20. To take any other action consistent with the law that will tend to increase the value and efficiency of the schools.

TO COUNTY SUPERINTENDENTS:

Your attention is called to two questions:

I. CONCERNING THE PURCHASE OF LIBRARY BOOKS.

The text of the library law will be found on pages three and four of the new library catalogue.

Your particular attention is called to the fact that, under this act, boards must purchase from the list of books recommended by the state board of educational examiners and of the editions specified. It is not required that the purchase be made of any particular firm. It will not, however, be a compliance with the law to buy a book of any person or firm paying a stipulated price with the understanding that another book shall be given gratis, *unless both books* are found on the new catalogue list and of the edition there named.

The duty of the school board is first to buy books to an amount aggregating at least five cents for each person of school age in the school corporation, selecting the titles and editions from the catalogue prepared by the state board of examiners. Should it then be desired to purchase additional books under section 2783 of the code, such purchase may be without any restrictions as to the list from which the selections may be made.

The library catalogue is to be sent to school officers in the form in which you receive it. It is not permissible to paste in or attach to the catalogue other lists of books, since such additions would be understood by many to be made with the authority of the board of educational examiners and this would lead to serious errors and much confusion. If you wish to forward to school officers other lists of books in addition to the list prepared by the state board of educational examiners, we would suggest that you send same under separate cover.

II. CONCERNING SEPARATE REGISTER FOR NON-RESIDENT PUPILS.

We wish you to call the attention of your teachers and school secretaries to the fact that, where non-resident pupils are enrolled, a separate register shall be kept for such pupils, and shall be certified to the secretary as required by section 2789 of the School Laws.

The blanks for the secretary's annual report will hereafter call for a report of the number of non-resident pupils enrolled; also for a report of the number of pupils who have, since the last annual report, been enrolled in some other public school of the state.

In many cases, within the course of the school year, pupils are enrolled in two or more districts. Since each secretary reports the total number of different pupils enrolled in his district it is evident that many pupils are counted twice and that the aggregate enrollment, as shown in the Biennial Report, is too great. We shall attempt next year to correct this error, and we wish you to inform your secretaries that such report will be required.

It is also suggested that you instruct your teachers to make to the secretary a separate report of the names of non-resident pupils with the attendance of each; also to state definitely the total number of pupils who previously during the school year have been in attendance on some other public school of the state.

Very truly yours,

JOHN F. RIGGS,

Superintendent Public Instruction.

October 17, 1904.

TO BOARDS OF DIRECTORS.

Under the law, new directors assume their duties on the third Monday in March, at which time the board organizes for the year by the election of a president. But the annual reports of the officers of the board are not due till the September following, thus giving us the anomaly of the school year for certain purposes closing on the third Monday in March, and for other purposes closing on the third Monday in September. This arrangement is unfortunate since school boards, particularly in school townships are encouraged to make the *term* and not the *year* the unit for school work, the selection of teachers in most cases occurring twice or three times a year.

It will, in my judgment, be a distinct gain to the schools of Iowa when *all* school boards shall come to consider the school year as *beginning* after the long summer vacation, and *closing* just before the next succeeding summer vacation, the year broken at the Christmas time and in March by short vacations, but with the unity of the work disturbed as little as possible.

The contracts of several thousand rural teachers have expired or are about to expire, and in such cases school boards will be called upon to elect their successors for the spring term. I can not urge too strongly that all teachers who have proven themselves competent and successful be elected for the spring term as their own successors, and that beginning with the fall term 1905, all teachers of known efficiency be chosen with the distinct

agreement that they are to hold their positions for the entire year, and not for one or two terms only.

The need of this recommendation will be apparent when it is remembered that last year only 34 per cent of the one-room country schools of the State had the same teacher through the entire year. A more permanent tenure for teachers and good salaries for good teachers is one of the crying needs of our schools.

In this connection it is pertinent to mention that fewer teachers are required than now find employment in the schools of the State. Last year very nearly one-third of our rural schools had an average daily attendance of ten or less. Many of these schools could be temporarily closed under section 2774 of the School Laws. This would mean (1) fewer teachers; hence, the possibility of employing the better and eliminating the poorer ones; (2) better school advantages for the children, and (3) a financial saving to the districts.

That the above suggestions may stand out with greater emphasis, I refrain from the discussion in this circular of less urgent duties that will claim your attention.

Very truly yours,

JOHN F. RIGGS,

Superintendent Public Instruction.

Des Moines, Iowa, February 14, 1905.

MARCH MEETING.

REFERENCES TO THE LAW.

Date. The first annual meeting of the board of all school corporations shall be held on the third Monday in March. Section 2757. It is mandatory that the board meet on this date.

Organization. The organization may be effected by electing a president. Section 2757.

President a Member. The president shall be a member of the board. Section 2757.

President May Vote. The president has the same right to vote that any member has. Section 2757.

Directors Qualify. Each person shall upon assuming his duties as director qualify as such. Section 2758. So also, the member chosen as president shall qualify as such. (Constitution, article 11, section 5.)

Who May Administer. A director may administer the oath to a director-elect. Section 2758. For other officers who may administer the oath, see section 393 of the code.

Secretary May Not Administer. The secretary is not authorized to administer the oath to a director-elect or to a president-elect. (101 Iowa, 382.)

When May Directors Qualify. A director-elect has until the close of the third Monday in March in which to qualify. Section 2758. One who holds over has ten days from the third Monday in March. (Code, section 1275.) One appointed to fill a vacancy on the board has ten days from the date of appointment in which to qualify. (Code, section 1275.)

Hold Over. If a director-elect fails to qualify by the close of the third Monday in March, if he is not his own successor, his predecessor may hold over by qualifying anew. (Code, section 1265.)

Vacancies—How Created. 1. By death. 2. By resignation. 3. By failure of director-elect, who was chosen to succeed himself, to qualify by the close of the third Monday in March. 4. By failure of one who might hold over to qualify within ten days from the third Monday in March. 5. By failure of one appointed to fill a vacancy to qualify within ten days from such appointment.

Vacancies—How Filled. Vacancies shall be filled by the board, until the next annual meeting of the electors. Section 2758.

Vacancies Not Anticipated. The board may not anticipate a vacancy. Appointments may not be made until the vacancy occurs. Section 2758.

By Ballot. All officers of the board and all persons appointed to fill vacancies shall be chosen by ballot. Sections 2757 and 2771.

Quorum. A majority of the board constitutes a quorum and may transact business. Section 2771. A minority may not transact business, but may arrange for an adjourned meeting of the board. Section 2771.

No Quorum at March Meeting. In case there is not a quorum at the regular March meeting, the minority present should effect a temporary organization by choosing a temporary president (Section 2772) and should fix a date and place for an adjourned meeting, at which time a permanent organization may be effected. Section 2771.

School taxes—By Whom Estimated. The board shall estimate the amounts needed for the teachers' fund and contingent fund. Section

2806. The amount for schoolhouse fund is voted by the electors at the annual meeting (Section 2749) or at a special meeting. Section 2750.

Limit of Taxation. For teachers' fund, fifteen dollars for each person of school age. Section 2806. For contingent fund, five dollars for each person of school age. Section 2806. However, each school corporation may estimate seventy-five dollars. Section 2806. Also, five dollars for each person of school age may be levied for transportation. Section 2806.

How Estimated. The amounts needed shall be estimated and certified, except in corporations containing territory in two or more counties, the estimate may be made in mills. Section 2806.

When Estimated. School taxes must be estimated at the regular March meeting or at a special meeting, called for that purpose, not later than the third Monday in May. Section 2806.

Taxes Certified. All taxes voted by the electors or estimated by the board shall be certified to the board of supervisors by the secretary within five days from the date the board makes its estimate. Section 2667.

Election of Teachers. The board shall elect all teachers. Section 2778. But the board may authorize a sub-director to select a teacher for his school. Section 2778. This, however, is a temporary delegation of authority and may be exercised but once by the sub-director.

Closing Small Schools. The board may determine the number of schools that shall be in session. Section 2773. They may determine the particular school each child shall attend. Section 2773. With consent of the county superintendent, small schools may be closed. Section 2774.

Transportation. The board may provide for transportation to a school in the same or another corporation. Sections 2774 and 2806.

Miscellaneous. The board may take any action authorized by law or clearly implied that will increase the efficiency of the schools.

TO THE SECRETARY:

As the time for the annual meeting of the electors of the school corporation draws near, we wish to call your attention to the statutory provisions concerning this meeting and urge you to do all in your power to so notify the electors that all propositions which the board, or the electors by petition, desire presented, may legally come before the meeting.

JOHN F. RIGGS,

February 14, 1905.

Superintendent Public Instruction.

Notice Mandatory. It is mandatory upon the secretary to post notices for this meeting in at least five public places at least ten days before the second Monday in March. Sections 2746 and 2763. For corporations

of five thousand or more inhabitants a notice shall be posted in each precinct and published in a newspaper. Section 2755.

Date. The date of the meeting is the second Monday in March. NO OTHER DAY WILL DO. The meeting can not adjourn to another date. Section 2746 and Note 1.

Hour of Beginning. In school corporations of five thousand or more inhabitants the polls shall open at 9:00 a. m. Section 2756. In all other corporations the polls shall open at 1:00 p. m. Section 2754.

Length of Meeting. In school corporations having five thousand or more inhabitants the polls shall remain open from 9:00 a. m. to 7:00 p. m. Section 2756. In independent city or town districts not included in above class they shall remain open at least five hours. Section 2754. In rural independent districts and school townships they shall remain open at least two hours. Section 2754.

Organization of Meeting. The president and secretary of the board, with one of the directors shall act as judges of election. In the absence of any of these officers, the electors present shall fill the vacancy from their number. Section 2746. For corporations of five thousand or more the board shall select one of its members and two voters of the precinct as judges of election. Section 2756.

Election of Director. All independent school corporations elect directors at this meeting. Section 2746. School townships containing an even number of sub-districts elect a director-at-large. Section 2752. The director-at-large shall be chosen by the electors at the annual meeting. (Ruling of Superintendent of Public Instruction.)

Certificates. The judges of election shall issue certificates of election to the directors chosen. Section 2746.

Tie Vote. A tie vote shall be publicly determined by lot, forthwith before adjournment, under the direction of the judges. Section 2754.

Who May Be Directors. A director may be of either sex, and must, at the time of election or appointment, be a citizen and a resident of the corporation and over twenty-one years old, and if a male, he must be a qualified voter of the corporation. Section 2748.

Who May Vote. To have the right to vote at the annual meeting, one must have the same qualifications as for voting at the general election and must be at the time a resident of the school corporation. Section 2747.

Qualifications of Electors. To be entitled to the right of suffrage, a person must be (1) a male, (2) a citizen of the United States, (3) at least twenty-one years of age, (4) a resident of the State six months next preceding the election, (5) of the county sixty days. (Constitution, article 2, section 1. 69 Iowa, 368, and 75 Iowa, 220. See note 1, section 2747, School laws, 1902.) Foreign born residents must have completed naturalization to be eligible to vote.

Citizenship. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States, and of the State wherein they reside. (Constitution of the United States, Amendment XIV.)

Registration. Registration is necessary in corporations of five thousand or more inhabitants. Section 2755 and opinion Attorney-General.

Women Voting. Women who otherwise have the qualifications of voters may vote on propositions for the issuing of bonds or for increasing the tax levy. Section 2747.

Powers of Electors at Annual Meeting.

1. To direct a change of text-books. Section 2749. But the board makes all adoptions of text-books. Sections 2824 and 2829.

2. To direct the sale or make other disposition of any schoolhouse or site belonging to the corporation, and the application to be made of the proceeds of such sale. Section 2749.

3. To add branches to the course of study. Section 2749. Such action is mandatory on the board. (4 Iowa, 564, note 8, section 2749) But they may not otherwise change the course of study. Notes 9 and 10 section 2749. The board shall prescribe a course of study. Section 2772.

4. To instruct the board that school buildings may or may not be used for meetings of public interest. Section 2749. In the absence of instructions from the electors, the board shall determine, it being charged with the control and management of the property of the corporation. Section 2745 and 2772.

5. To direct the transfer of any surplus in the schoolhouse fund to the teachers' or contingent fund. Section 2749. The transfer from one fund to another can be made only at the annual meeting; must be from the schoolhouse fund; and must be ordered by the electors.

6. To authorize the board to obtain at the expense of the corporation roads for proper access to its schoolhouses. Section 2749.

7. To vote a schoolhouse tax, not to exceed ten mills on the dollar. Section 2749.

8. To authorize the board to issue school building bonds. Section 2812.

Limit of Indebtedness. The school corporation may not become indebted to exceed one and one-fourth per cent of the actual value of the property in the corporation. Section 2, chapter 41, Acts of the Twenty-eighth General Assembly. Under certain conditions a district may become indebted for certain purposes not to exceed two and one-half per cent of the actual value of the taxable property. This can be done only at a special election called for that purpose. Section 1, chapter 114, Acts of the Thirtieth General Assembly. The constitutional limit is five per cent of the "value of the taxable property."

Tax Levy Not Indebtedness. The law does not consider taxes levied as outstanding indebtedness. Note 4, Section 2812.

Notice Necessary. No proposition may be acted upon by the electors at the regular meeting on the second Monday in March or at a special meeting, except that it be advertised by notices as provided in sections 2746 and 2755. (118 Iowa, 207.)

Board May Direct. The board may direct that certain propositions will come before the meeting. Section 2749.

Electors—Petition. When petitioned, it is mandatory upon the board to require notice given. Section 2749. When a petition has been properly filed, it is the duty of the secretary to give legal notice.

Poll Book. At the annual meeting the secretary shall record in a book provided for that purpose, the names of all persons voting thereat, the number of votes cast for each candidate, and for and against each proposition submitted. Section 2761.

By Ballot. All propositions must be voted upon by ballot. Section 2749. Members of the board in all independent districts shall be chosen by ballot. Section 2754. A director-at-large for a school township shall be chosen by ballot. Sections 2851, 2752 and 2823. Constitution, Article 2, Section 6.

Form of Propositions. All propositions shall be voted upon in substantially the following form: "Shall a change of text-books be directed?" (or other question as the case may be); and the voter shall designate his choice by writing the word "yes" or "no" in an appropriate place on the ballot. Section 2749.

TO THE SUB-DIRECTOR:

As the time for the annual sub-district meeting draws near, we desire to call your attention to the statutory provisions governing this meeting and urge you to do all in your power to so notify the electors that all questions that may come before the meeting may be legally presented.

JOHN F. RIGGS,

February 14, 1905.

Superintendent Public Instruction.

Sub-District Meeting. The meeting of the voters of the sub-district shall be held on the first Monday in March. Section 2751.

Notice. At least five days' notice shall be given by posting in at least three places in the district. Section 2751. If a special schoolhouse tax is to be voted ten days' notice must be given. Section 2753.

By Whom Posted. Notices for the sub-district meeting shall be posted by the director. If there is no director they shall be posted by the secretary of the board. Section 2751.

Hour of Beginning. The meeting shall not organize earlier than 9:00 o'clock a. m. Section 2751.

Closing. The meeting shall not adjourn earlier than 12:00 m. Section 2751.

Duration. The polls shall remain open at least two hours. Section 2754, Section 2823 and Note 2, Section 2751.

Organization of Meeting. The meeting shall organize by the election of a chairman and secretary who shall act as judges of election. Section 2751.

Judges May Vote. The chairman and secretary of the sub-district meeting may vote the same as other electors. Note 8, Section 2751.

Judges Not to Qualify. The chairman and secretary of the sub-district meeting are not required to qualify. Note 7, Section 2751.

Certificate of Election. The judges shall declare the result of the election and issue a certificate of election to the person chosen director. Sections 2746 and 2823.

Tie Vote. A tie vote shall be publicly determined by lot forthwith, before adjournment, under the direction of the judges. Section 2754.

By Ballot. The sub-director shall be chosen by ballot. Section 2751.

Caucus. An informal ballot or caucus can be no part of the sub-district meeting. If it is desired to select candidates this must be done before the organization of the meeting. But one lawful ballot may be cast or one vote taken. Note 13, Section 2751.

Who May Vote. To have the right to vote at the annual sub-district meeting one must have the same qualifications as for voting at the general election and must be at the time a resident of the sub-district. Section 2744.

Qualifications of Electors. To be entitled to the right of suffrage, a person must be (1) a male, (2) a citizen of the United States, (3) at least twenty-one years of age, (4) a resident of the state six months next preceding the election, (5) of the county sixty days. (Constitution, Article 2, Section 1. 69 Iowa, 368, and 75 Iowa, 220. See Note 1, Section 2747, School Laws 1902.) Foreign born residents must have completed naturalization to be eligible to vote.

Citizenship. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States, and of the State wherein they reside. (Constitution of United States, Amendment XIV.)

Powers of Electors at Sub-District Meetings.

1. To elect a chairman and secretary. Section 2751.
2. To elect a director for the sub-district. Section 2751.
3. To vote additional schoolhouse tax on the sub-district. Section 2753.

Limit of Special Tax. The amount of the special tax voted at the sub-district meeting and the schoolhouse tax voted by the school township shall not exceed fifteen mills on the dollar. Section 2753.

Special Tax Certified. The secretary of the sub-district meeting shall immediately certify to the secretary of the school township any special tax voted by the electors of the sub-district. Section 2753.

Vote of Sub-District is not Notice. A vote of the electors at a sub-district meeting is not legal notice that such proposition will come before the electors at the school township meeting as contemplated in Sections 2746, 2749 and 2755.

COUNTY SUPERINTENDENT'S CONVENTIONS SPRING OF 1905.

TO THE COUNTY SUPERINTENDENT:

In accordance with Section 2622 of the Code which provides that the superintendent of public instruction may meet the county superintendents at such points in the state as may be most suitable, you are hereby called to meet in convention as follows:

OSKALOOSA, MARCH 30, 2 P. M., MARCH 31, 1:30 P. M.

SIoux CITY, APRIL 20, 2 P. M., APRIL 21, 1:30 P. M.

DES MOINES, APRIL 25, 2 P. M., APRIL 26, 9:30 A. M.

Section 2742 guarantees to you the expenses incurred in attendance upon one of these meetings. It is expected that you will be present and take an active part, unless for some good reason you are prevented from attending.

JOHN F. RIGGS,
Superintendent Public Instruction.

SUGGESTIVE SUBJECTS FOR DISCUSSION.

1. High Schools as Teachers' Training Schools.
2. School Visitation or Office Supervision, Which?
3. The teaching of:
 - (a) Domestic Science in Rural Schools.
 - (b) Agriculture in Rural Schools.

4. How Interest Teachers in Professional Reading.
5. State Certification of Teachers.
6. School Officers' Meetings.
7. How may the Superintendent Render Greatest Benefit to His Schools.
8. The Library.
9. Reports.
10. Consolidation of Schools.
11. Problems of the Institute.
12. The Pupils' Reading Circle.

CONCERNING THE READING CIRCLE.

TO THE COUNTY SUPERINTENDENT:

We are sending you a supply of the Teachers' Reading Circle circulars for distribution among your teachers. We ask that you hand a copy to each of your teachers, and we earnestly advise that you call their attention pointedly to this course, and urge the necessity of an advanced course of reading, particularly along professional lines.

We also wish to urge that you keep a permanent record in your office of those teachers who take up the Reading Circle work, and that you give credit upon this record from time to time of the work done and also upon the reverse side of the enrollment slip, which is to be then returned to the teacher. The teachers should know that such a permanent record is to be kept in your office.

Very truly yours,

JOHN F. RIGGS,

Supt. Public Instruction and

Chairman Reading Circle Board.

June 3, 1905.

CIRCULARS TO SCHOOL OFFICERS.

TO THE DIRECTOR OF THE SUB-DISTRICT:

Your attention is called pointedly to the following provisions of law:

"Each director shall, between the first and tenth days of September in each year, prepare a list of the heads of families in his sub-district, the number and sex of all children of school age, and by the fifteenth day of said month report this list to the secretary of the school township, who shall make full report thereof."

It is of great importance that the count be carefully made and that your report of the "number and sex of all children of school age" be absolutely correct.

In making the list of children of school age, you will include every person in the sub-district who, on the first day of September, 1905, has reached the fifth and not passed the twenty-first birthday. To be complete your list must include all persons of the stipulated ages, even if married or temporarily absent to attend school or engage in work. A child in one of the charitable or reformatory institutions must be enumerated in the district where his parents reside.

When your report is completed it should be filed at once with the secretary of the school township that he may have time in which to complete his report before the annual meeting of the board on the third Monday of September. The filing of this report with the secretary cannot be delayed under the law beyond the fifteenth day of September.

Respectfully,

JOHN F. RIGGS,

August 14, 1905.

Superintendent Public Instruction.

TO THE SECRETARY:

Your attention is called pointedly to the following:

"He (the secretary) shall, between the first day of September and the third Monday of September of each year enter in the book made for that purpose the name, sex and age of every person between five and twenty-one residing in the corporation, together with the name of the parent or guardian." Section 2764.

In making the list of persons between the ages of five and twenty-one you will include every person in the school corporation who on the first day of September, 1905, has reached the fifth and not passed the twenty-first birthday. To be complete, your list must include all persons of the stipulated ages, even if married or temporarily absent to attend school or engage in work. A child in one of the charitable or reformatory institutions must be enumerated in the district where his parents reside.

In school townships each director is required by law to report to you for his sub-district on or before the 15th day of September. Call the attention of directors to this early, and urge accuracy and promptness in their reports.

Your annual report should be completed and copied into one of the blanks before the board meets on the 18th day of September. As soon as the report is approved by the board, carefully fill out the second blank and send it at once to the county superintendent. You will find on the blanks full and complete directions for making your report.

The purchase of books for school libraries under Chapter 110 of the School Laws must be made "between the third Monday of September and

the first day of December in each year." The provisions of this law are mandatory in school townships and rural independent districts. The purchase of books is to be made "by the president and secretary of the board, with the assistance of the county superintendent of schools."

Respectfully,

August 14, 1905

JOHN F. RIGGS,
Superintendent Public Instruction.

TO THE TREASURER:

To avoid delay and errors in the matter of making and filing your annual report, I wish to urge that you strictly observe the following:

1. Your financial report should be completed and copied in one of the blanks before the meeting of the board on the 18th day of September.

2. As soon as the board has settled with you, copy the report on the other blank, comparing item by item, and forward at once to the county superintendent.

3. Overdrafts are not recognized or permitted by the law, section 2768 expressly providing that "whenever an order cannot be paid in full out of the fund upon which it is drawn, partial payment may be made." It further provides that the unpaid portion shall draw interest.

If, however, you have permitted any fund to be overdrawn, you must report the amount of the overdraft under the head: "Received From Other Sources," or "Paid For Other Purposes," as the case may require. If the overdraft is of this year, it must be reported as "Received From Other Sources." If it is an overdraft carried over from last year, it must be reported as "Paid For Other Purposes."

4. Complete directions for preparing your report will be found on the blanks sent you.

5. Section 1, Chapter 110 of the School Laws, provides as follows:

"The treasurer of each school township and each rural independent district in this state shall withhold annually from the money received from the apportionment for the several school districts not less than five nor more than fifteen cents, as may be ordered by the board, for each person of school age residing in each school corporation, as shown by the annual report of the secretary, for the purchase of books, as hereinafter provided."

In the case of State of Iowa by N. Willett, County Attorney, v. O. T. Lommen, Treasurer of Rural Independent District No. 5, Military Township, Winneshiek County, May term of District Court, 1904, and in the case of State of Iowa v. Rural Independent District No. 3, Eden Township, Benton County, December term of District Court, 1904, this law is held to be mandatory.

Respectfully,

August 14, 1905.

JOHN F. RIGGS,
Superintendent Public Instruction.

TO THE PRESIDENT:

The board of directors must meet on the third Monday of September to receive the annual reports of the secretary and treasurer, and to settle with these officers.

In all school corporations a secretary for the ensuing year must be chosen at this meeting. And in all school corporations, except in independent city or town districts, a treasurer for the ensuing year must be chosen at this meeting. Record of settlement and the amount of funds on hand should be endorsed on the bond of the new treasurer.

THE SECRETARY AND TREASURER SHOULD HAVE THEIR REPORTS READY FOR THE APPROVAL OF THE BOARD AT THE TIME OF THE MEETING.

If for any cause the business cannot be completed, adjournment may be had; but this should in no event extend beyond five days, since the law requires that the secretary file his report with the county superintendent "within five days after the third Monday of September," and this report and that of the treasurer cannot be filed until approved by the board.

Your attention is called to the mandatory provisions of Chapter 110 of the School Laws, which require the treasurer of each school township and rural independent district to withhold five cents for each person of school age in the school corporation, the same to be used between the third Monday of September and the first day of December for the purchase of library books. The board may, at its option, increase this amount not to exceed fifteen cents for each person of school age. The books must be purchased by the secretary and president of the board, with the assistance of county superintendent of schools.

In the case of State of Iowa by N. Willett, County Attorney, v. O. T. Lommen, Treasurer of Rural Independent District No. 5, Military Township, Winneshiek County, May term of the District Court, 1904, and in the case of State of Iowa v. Rural Independent District No. 3, Eden Township, Benton County, December term of District Court, 1904, this law is held to be mandatory.

Respectfully,

JOHN F. RIGGS,

August 14, 1905.

Superintendent Public Instruction.

OPINION OF ATTORNEY-GENERAL.

CONCERNING THE COUNTY SCHOOL TAX.

STATE OF IOWA,

Office of Attorney-General.

Sir:—In compliance with your request for an opinion whether the tax levied for the support of schools within the county upon all of the taxable property therein may legally be used by the board of supervisors in the purchase of supplies for county superintendents, I submit the following:

Section 2807 provides:

"The board of supervisors shall at the time of levying taxes for county purposes, levy the taxes necessary to raise the various funds authorized by law and certified to it under this chapter; but if the amount certified for any such fund is in excess of the amount authorized by law, it shall levy only so much thereof as is authorized by law. * * * * It shall also levy a tax for the support of the schools within the county of not less than one or more than three mills on the dollar on the assessed value of all the taxable property within the county."

Section 2808 provides:

"The county auditor shall, on the first Monday in April and the fourth Monday in September of each year, apportion the school tax together with the interest upon the permanent school fund to which the county is entitled, and all other money in the hands of the county treasurer belonging in common to the schools of the county and not included in any previous apportionment, among the several corporations therein in proportion to the number of persons of school age, as shown by the report of the county superintendent filed with him for the year immediately preceding * * * *"

Under the provisions of Section 2808 the school tax levied upon all of the taxable property in the county under the provisions of the preceding section must be apportioned, with the interest upon the permanent school fund and all other money set apart for the support of the public schools, and distributed to the school corporations of the county in proportion to the number of persons of school age in each school district.

Section 468 of the Code provides:

"The board of supervisors shall furnish the clerk of the district court, sheriff, recorder, treasurer, auditor, county attorney and county superintendent with officies at the county seat, together with fuel, lights, blanks, books and stationery necessary and proper to enable them to discharge the duties of their respective offices. * * *"

Section 2742 of the Code provides:

"He (the county superintendent) shall receive a salary of twelve hundred and fifty dollars a year and the expenses of necessary office stationery and postage, and those incurred in attendance upon meetings called by the superintendent of public instruction; claims therefor to be made by verified statements filed with the county auditor, who shall draw his warrent upon the county treasurer therefor. * * *"

The board of supervisors of the county is required by section 468 to furnish the county superintendent with fuel, lights, blanks, books, stationery and office supplies necessary to enable him to properly discharge the duties of his office. Such supplies must be furnished in the same manner as they are furnished to other county officers, and paid for from the funds of the county.

Under the provisions of section 2742 the claims of the county superintendent for postage, etc., must be verified, filed with the county auditor and paid for by a warrant drawn by the auditor upon the county treasurer.

The statute nowhere authorizes the appropriation or use of any part of the county school tax for the purpose of purchasing supplies for the county superintendent. The entire amount of such tax must be apportioned to the school corporations of the county, and the board of supervisors should furnish all supplies necessary to enable the county superintendent to discharge the duties of his office and pay for the same from the funds of the county. Respectfully submitted,

August 3, 1905.

CHAS. W. MULLAN,

HON. JOHN F. RIGGS,

Attorney-General of Iowa.

Superintendent of Public Instruction.

SELECTIONS.

From Special Day Manual
For 1905.

Flag Day.....	February	22
Arbor Day	April	28
Memorial Day.....	May	30
Thanksgiving.....	November	30
Christmas.....	December	25

FLAG DAY, 1905.

February 22, Flag Day,
 Also
 Commemorating the Birthdays
 of
 George Washington, February 22,
 and
 Abraham Lincoln, February 12.

The Old Flag is to our institutions what the Cross is to the Christian Religion.—Col. W. P. Hepburn.

The American Flag means all that is good and true and pure and beautiful in a land of freedom.

SALUTE TO THE FLAG.

We give our heads and our hearts to our country.

One country, one language, one flag.

The color-bearer displays the flag on the platform or at the teacher's desk. The children may be drilled by signals, thus using the right hand:

1. Make ready.
2. School rises as one.
3. Right arm extended, hand pointing to the flag.
4. Forehead touched with tips of the fingers, repeating the words, "We give our heads."
5. Hand placed over the heart, repeating, "And our hearts."
6. Hand dropped to the side, repeating, "To our country."
7. Standing erect, repeating, "One country."
8. Still standing, repeating, "One language."
9. Right foot advanced and arm extended, hand pointing to the flag, repeating, with emphasis, "One flag."
10. Arm dropped and seats resumed.

—From Primary Education.

O'ER THE SCHOOLHOUSE FLOATS THE FLAG.

Raise the flag on every schoolhouse, let it float upon the breeze;
Sing our famed "Star Spangled Banner" as it towers among the trees.
Tell the children all its story on the land and on the sea—
Tell its pet names, first "Old Glory," then "The Banner of the Free;"
Tell them how its blood reminds us of the blood of heroes shed—
That we might dwell in freedom's land, when they were with the dead.

Tell the children that its symbol is a state for every star,
Tell of its victorious record in the days of strife and war;
Tell them it is theirs to cherish, that its stars must never set,
And in future they'll defend it—wheresoe'er a foe is met;
Keep the flag and school united, North and South and East and West,
Cheer for loyalty and learning in the land we love the best.

—Adapted from Werner's Magazine.

THE STARS AND STRIPES.

The history of our country is grandly illustrated in our Stars and Stripes. New stars have been added to its field of blue as new states have been admitted into our Union. It had its origin in the era of

Washington, when our republic was established, and it had its greatest trial in the epoch of Lincoln, when the mightiest civil war of the world tested its power and vindicated its supreme control and command over the discordant elements arrayed in deadly and brave attempt to destroy it. Today this flag stands for no one party or section, but floats over the whole country, one and undivided, without sectional hates, united in the bonds of universal liberty and in the sentiments of an inspiring American civilization. It is the proud sign of peace among ourselves and with all the world.—Albert D. Shaw.

THE FLAG OF THE FREE.

The flag floats east, the flag floats west;
The skies unveil their glory;
Each stripe reflects the loving light,
Star tells to star its story.
From sea to sea, in calm or storm,
Shine on, O Flag, in beauty
For all who walk in freedom's ways,
For all who died for duty.

—George T. Packard.

HONOR THE FLAG.

O blessed land! where Freedom's sun
A long unclouded course hath run,
Where Liberty's inspiring song
Is chorused by a happy throng;
Thy children are surnamed the brave,
Their thoughts outrun thy flag to save—
As rivers leap to ocean wave.

—Addie B. Billington.

BANNER OF BEAUTY AND GLORY.

As I made an extended tour of the states, nothing so impressed and so refreshed me as the universal display of this banner of beauty and glory. It waved over the schoolhouses; it was in the hands of the school children. * * Two years ago I saw a sight that has ever been present in my memory. As we were going out of the harbor of Newport, about midnight on a dark night, some of the officers of the torpedo

station had prepared for us a beautiful surprise. The flag at the depot station was unseen in the darkness of the night, when suddenly electric search lights were turned on it, bathing it in a flood of light. All below the flag was hidden, and it seemed to have no touch with earth, but to hang from the battlements of heaven. It was as if heaven was approving the human liberty and human equality typified by that flag.—Benjamin Harrison.

WASHINGTON.*

(Tune: "Maryland, My Maryland.")

What is this name we hold so dear?
 Washington, 'tis Washington.
 Whom do we honor and revere?
 Washington, our Washington.
 Though o'er his head we drop a tear,
 Yet death for him ne'er held a fear;
 His name shall brighter grow each year,
 Washington, great Washington.

*(Connect this with some marching or flag exercise, and with the picture of Washington.)

LINCOLN.*

(Tune: Hold the Fort.)

Now for him who saved our country
 Let our banners wave,
 Honor him, the hero lying
 In his lowly grave.
 And the children of the nation,
 May they keep for aye,
 Just as now we all are keeping
 Sacred his birthday.

*(Unite with flag exercise.)

SHORT ORATIONS.

If ever the face of man writing solemn words glowed with holy joy, it must have been the face of Abraham Lincoln as he bent over the Emancipation Proclamation. Here was an act in which his whole soul could rejoice, an act that crowned his life. All the past, the free boy-

hood in the woods, the free youth upon the farm, the free manhood in the honorable citizen's employment—all his freedom gathered and completed in this. And is it any wonder that among the swarthy multitudes, ragged, and tired, and hungry, and ignorant, but free forever from anything but the memorial scars of the fetters and the whips,—is it any wonder there grew up in camps and hovels a superstition which saw in Lincoln the image of one who was more than man, and whom with one voice they loved to call "Father Abraham?"—Phillips Brooks.

The nation's debt to these men (Washington and Lincoln) is not confined to what it owes them for its material well-being, incalculable though this debt is. Beyond the fact that we are an independent and united people, with half a continent as our heritage, lies the fact that every American is richer by the noble deeds and noble words of Washington and Lincoln. Each of us who reads the Gettysburg speech or the second inaugural address of the greatest American of the nineteenth century, or who studies the long campaigns and lofty statesmanship of that other American who was even greater, cannot but feel within him that lift toward things higher and nobler which can never be bestowed by the enjoyment of mere material prosperity.—Theodore Roosevelt.

WASHINGTON.

Just honor to Washington can only be rendered by observing his precepts and imitating his example. He has built his own monument.

BE LIKE WASHINGTON.

We cannot all be Washingtons,
 And have our birthday celebrated;
 But we can love the things he loved,
 And we can hate the things he hated.

He loved the truth, he hated lies,
 He minded what his mother taught him,
 And every day he tried to do
 The simple duties that it brought him.

WHICH GENERAL.

Sometimes Mamma calls me "general;"
 I wish I knew which one;
 But I always try to tell the truth,
 So I hope it's Washington.

But when I tell my papa that,
 He laughs loud as he can,
 And says if she calls me "general,"
 She must mean Sheridan;

Because when Mamma wants me,
 And I am out at play,
 I nearly always seem to be—
 'Bout "twenty miles away."—Kate W. Hamilton.

A YOUNG PATRIOT.

I'm just a very little boy,
 I never fired a gun;
 I never led an army,
 Like brave George Washington.
 And though like him I may not fight
 To set a people free,
 I'll try to be as brave and true,
 As kind and good as he.—Alice Jean Cleator.

LITTLE MARTHA WASHINGTON.

Recitation and Dance for six little girls:

This lady, Martha Washington,¹
 Was once a little girl,
 With dimpled cheeks² and blushes
 And golden hair³ in curl.
 She never had a hatchet⁴
 She never cut a tree,⁴
 But was full of fun and frolic,⁵
 Just a little girl like me.⁶
 Wore a puckered satin petticoat⁷
 Breast knots, gay and dainty caps,⁸
 Dropped a courtsey to her mamma,⁹
 Courtesied deep to Lord Fairfax,¹⁰
 Then she grew up like a flower,¹¹
 Pure and sweet and good;¹² and yet
 Of all things that pleased her fancy
 She loved best the minuet.¹³

1. Point to picture of Martha Washington.
2. Put hands on cheek.

3. Put hands on hair.
4. Shake head.
5. Swing arms at side.
6. Point to self.
7. Hands sweeping down dress front.
8. Hand on head.
9. Courtsey left.
10. Courtsey right.
11. Standing as tall as possible.
12. Hands folded on chest.
13. Take hold of dress near bottom and drop a deep courtesy. Music 3-4 time begins. Girls separate into three couples, forming a line across platform, a little space between each couple. Partners take hold of hands and hold hands very high.

Beginning with the right foot walk six steps forward (closing left foot up to right, in first position for sixth count). Point toe and lift several inches from floor.

Courtesy front (six counts.)

Turn and walk back (six counts.)

Courtesy to partners.

Each walks past partner (six counts.)

Courtesy front.

Turn and walk back to partner.

Courtesy to partner.

Partners cross hands and walk obliquely left (six counts.)

Courtesy front.

Turn, cross hands and walk back to position.

Courtesy to partners.

Repeat, walking right.

Partners give right hand and turn half round.

Courtesy to partner.

Give left hand back to place.

Courtesy to partner.

Courtesy front.

WASHINGTON AND LINCOLN.

No countries have the heroes
 So loyal, good and great,
 As Washington and Lincoln,
 Whose deeds we celebrate.

We celebrate each year with love
 Their birthdays far and near;
 Our flags and banners wave on high,
 For honored names so dear.

(To be recited by small boys, each carrying a flag which he waves in direction of pictures or busts of Washington and Lincoln.)

ABRAHAM LINCOLN.

'Mid the names that fate has written
On the deathless scroll of fame,
We behold the name of Lincoln,
Shining like a living flame.

When the storm of peril threatened
His loved land to overwhelm,
Safe the ship of state he guided,
With his hand upon the helm.

Statesman, ruler, hero, martyr--
Fitting names for him, alway;
Wherefore, let us all, as brothers,
Love his memory today.

—Susan M. Best.

MOTTOES.

Above all, we must stand shoulder to shoulder for the honor and the greatness of our country.—Theodore Roosevelt.

We are a Republic whereof one man is as good as another before the law. Under such a form of government it is of the greatest importance that all should be possessed of education and intelligence.—Ulysses S. Grant.

Let all the ends thou aim'st at be thy Country's,
Thy God's and Truth's.

—William Shakespeare.

One flag, one land, one heart, one hand,
One nation evermore

—Oliver Wendell Holmes.

USES OF THE FOREST.

About sixty per cent of all our railroad ties are made of white oak; nearly twenty per cent are pine. Since every mile of railway needs about twenty-five hundred ties, and there are over two hundred thousand miles of such roads in our country, it takes millions of acres of

timber to supply a single set of ties. Such a set has to be replaced about every seven years. Thus it is that the railways rank among the greatest consumers of wood in the country.

Our telegraph and telephone poles are made largely from hemlock and cedar. The price paid for such timber varies from two to ten dollars per pole.

Flour barrels are made largely from elm. Barrels for liquids from a fine grade of white oak; also ash and elm.

Our furniture is made from walnut, ash, oak, maple, and other hard woods.

White oak and hickory are used in manufacture of wagon and buggy wheels.

Soft woods, as poplar, aspen, spruce, pine and basswood, are used in the manufacture of paper such as is used in newspapers, note books, etc.

Three-fourths of our lumber is made from soft woods, such as white pine, spruce, hemlock and redwood.

The woodwork of machinery is made from hard wood lumber, which constitutes about one-fourth of our lumber output. It comes principally from the wide region east of the Mississippi, between the northern and southern soft wood belts.

The great pineries of Wisconsin, Minnesota and Michigan supply our white pine, the most useful timber in the north temperate zone, because it is in greatest demand for building purposes.

The bark of the hemlock tree is used in the tanning of leather.

Corks are made from the bark of the cork oak, which grows only in Mediterranean countries and Portugal.

As a national industry, forestry stands second only to agriculture in number of people and amount of capital employed and in value of product.

It has been estimated that we have five hundred million acres of growing forest and that thirty-five cubic feet of wood are produced annually per acre.

SUGGESTIVE OUTLINE FOR NATURE STUDY.

BY ETTA M. BARDWELL.

SUGGESTIONS FOR STUDY OF TREES.

Select some tree near the school building for observation. Study the tree as a whole first.

a. Sketch, noting the following points: Angle which branches make with trunk; comparative length of branches on north and south

sides; ending of main branches, whether abrupt or breaking up into spray-like twigs; comparative height and width of top.

b. Study preparations made by this particular tree for winter: shedding of leaves, withdrawal of material into stems and roots, protection of buds.

c. Sketch twig of not less than two years' growth, noting the following points: shape of bud, position, leaf scar, scale scar, growth of 1903, of 1902. (Drawing is especially valuable in connection with this work, as it leads to more careful observation. A sketch is one way of answering a question.)

d. Have pupils measure growth of three twigs on north side of tree during 1903; three on south side same year. Compare. How account for difference? Where are greater number of buds to be found, on upper or under side of twig? Why? Effect on remaining buds when some are broken off. Why are shade trees pruned? When a limb has been broken off, how does nature attempt to heal the wound? Examine stubs of broken-off limbs and learn how the healing is accomplished. Would the remains of the limb be distinguishable if the tree were cut open? Split a branched twig an inch in diameter and decide what causes a knot in lumber. Differences in shape of knots.

e. Study longitudinal section of piece of stove-wood and identify hard-wood and sap-wood. Call attention to the so-called "annual rings." Why are they of varying thickness in different years? Why not of uniform thickness on all sides of tree? Examine pine lumber and articles made from pine (connect this with the study of lumber industry in geography work).

f. Bring in twigs of trees and keep in water. Watch unfolding of the buds. What becomes of the winter scales?

TREES IN SPRING.

Note trees that flower before the leaves appear. Color of the flowers? What part of the flower of the box-elder forms the seed? Do insects visit flowers of trees?

Which trees "leaf out" first? Which are in full leaf first?

BIRD STUDY.

One object to be attained by this study is the awakening of an interest in bird life which will lead eventually to the better protection of our birds. Discourage all bird or egg collection.

Endeavor to awaken in the children a genuine interest in what the bird is doing. May and June are the nest-building months for most of our birds. If each child could watch the progress of the building of a single nest, his future interest in bird life would be assured. Bring in some last year's nests and study their formation. Of what are they made? How are the outside materials fastened together? How lined? Purpose of the lining? Have children collect materials for the making of nests and let them try fashioning a nest, lining it with the same materials that the bird used. In doing this a close examination of some nests will be necessary. While constructing the nest, direct children's attention to how the bird must carry his materials. Whether he carries more than one straw or stick at a time and the number of times he must journey back and forth to gather the materials. Does he stay in his nest at night? When does he sleep? How long it takes the bird to build the nest. The place he selects for it. How he begins it. Look for some suitable place for nest—fork of tree or low bush. How does bird shape nest? Study nest of gold-finch, robin. Compare nest of Baltimore oriole with others, in material used and position on tree. How does the oriole plan to keep eggs from falling out of nest? Where does he get his material? Look for horse hairs—show weaving of hairs in and out. Manner of attachment to limb. How lined?

BIRD DAY.

In July, 1896, the United States Department of Agriculture issued a circular suggesting that a "Bird Day," to be devoted to instructing the children in the value of our native birds, and the best means of protecting them, be added to the school calendar.

This circular contains a most valuable letter from J. Sterling Morton, on the establishment of "Bird Day" throughout the country. He says: "The cause of bird protection is one that appeals to the best side of our natures. Let us yield to the appeal. Let us have a Bird Day—a day set apart from all other days in the year to tell the children about the birds. But we must not stop here. We should strive continually to develop and intensify the sentiment of bird protection, not alone for the sake of preserving the birds, but for the development of the finer instincts of the child mind."

Superintendent Babcock of Oil City, Pa., originated "Bird Day," and first celebrated it in his school in 1895.

The discussion of what was at that time a novel idea spread to the West, and in 1896 we find Fort Madison, Iowa, celebrating "Bird Day" in a most enthusiastic manner. Professor Bruner, of Nebraska, urged its recognition by the schools of that state the same year.

Since that time the observance of the day has become quite general throughout our Western states. The movement has the most hearty support of the Audubon societies of the various states, as they realize the need of just such work as is accomplished by "Bird Day" work.

The preservation of the birds is not merely a matter of sentiment, or of education in kindness to all living things. It has a utilitarian side of vast extent. The birds are necessary to us. Only by their means can the insects which injure, and if not checked, destroy vegetation, be kept in bounds.

What is most needed is knowledge of the birds themselves, their modes of life, their curious ways, and their relation to the scheme of things. To know a bird is to love him.

Send your boy to the woods to study the patience, the ingenuity, and the industry of birds. Let him learn to distinguish the song of one kind from that of another. Arouse his curiosity as to their habits and give him that innocent delight that the study of nature is sure to bring into his life. Teach him that it

is cowardly, to torture helpless birds. Take away the air-gun and insist that the coming generation shall realize the sin of cruelty to God's helpless ones.

Teach your child to love the fields and the woods, the flowers and the birds and you have added to his capacity for happiness a thousandfold.

IOWA STATUTES FOR PROTECTION OF BIRDS.

Section 2561. No person shall destroy the nests or eggs of, or catch, take, kill, or have in possession or under control for any purpose whatever, except specimens for use of taxidermists, at any time, any whip-poor-will, night hawk, bluebird, finch thrush, linnet, lark, wren, martin, swallow, bobolink, robin, turtle dove, catbird, sandpiper, snowbird, blackbird, or any other harmless bird, except blue jay and English sparrow; but nothing herein shall be construed to prevent the removal of nests from buildings, and the keeping of songbirds in cages as domestic pets.

Any person violating any of the provisions of this section shall be fined not less than \$1 nor more than \$25 and costs of prosecution, and may be committed to county jail until such fine and costs be paid.

WHY.

Said the boy to the bird,
 "Now, do pray stop,
 And tell me at once
 Why you go with a hop.

Why do you not walk like the goose and the hen,
 And not hop on two feet, like a robin and wren?"

Said the bird to the boy,
 "That is easily told,
 In a very few words,
 If I may make bold,

And tell you the secret why some birds can walk,
 And maybe at some time, how some birds can talk.
 Every bird that can wade in the water can walk,
 Every bird that can scratch in the dirt can walk,
 Every bird that has claws to catch prey can walk,
 One foot at a time, like the hen and the hawk.

But most little birds who can sing a song
 Are so small their legs are not very strong,
 To wade with, or scratch with, or catch things; that's why
 They hop with both feet. Little boy, good-by."

—From New Era First Reader, Eaton & Co., Publishers.

MEMORIAL DAY.

Time only enhances the lasting value and demonstrates anew the true significance of these inspiring observances.

Whatever may be the character of its temporary problems, this liberty-loving nation is not and never can be forgetful of the immortal heroes of the Civil War.

The debt of gratitude which we owe to the Nation's defenders can never be repaid, either by this or future generations; yet the acknowledged gift of the obligation each year, in various forms and in a multitude of places throughout this broad land purifies our ideas and brings us all together in sympathy of sentiment and unity of purpose.

Generations come and go the issues for which they fought and died soon pass into history. But the principles of undertaking, worthily accomplished for an unselfish purpose, abide forever and guide us to a nobler destiny and still greater achievements as a nation.

WILLIAM MCKINLEY.

THE FIRST MEMORIAL DAY PROCLAMATION.

(Extract from the G. A. R. Commander in Chief's Order, May 5, 1868.)

We should guard their graves with sacred vigilance. All that the consecrated wealth and taste of the nation can add to their adornment and security is but a fitting tribute to the memory of her slain defenders.

Let no wanton foot tread rudely on such hallowed grounds; let pleasant paths invite the coming and going of revered visitors and fond mourners; let no vandalism of avarice or neglect, no ravages of time, testify to the present or to the coming generations, that we have forgotten as a people the cost of a free and undivided republic.

If other eyes grow dull and other hands slack and other hearts cold in the solemn trust, ours shall keep it well as long as the light and warmth of life remain to us.

Let us, then, gather round their sacred remains and garland the passionless mounds above them with the choicest flowers of springtime; let us raise above them the dear old flag they saved from dishonor; let us in this solemn presence renew our pledges to aid and assist those whom they have left among us as a sacred charge upon a nation's gratitude—the soldier's and sailor's widow and orphan.

—JOHN A. LOGAN.

THE FLAG GOES BY.

Hats off!

Along the street there comes
A blare of bugles, a ruffle of drums,
A flash of color beneath the sky.

Hats off!

The flag is passing by.
Blue and crimson and white it shines
Over the steel-tipped ordered lines.

Hats off!

The colors before us fly
But more than the flag is passing by.

Hats off!

Along the street there comes
A blare of bugles, a ruffle of drums,
And loyal hearts are beating high.

Hats off!

The flag is passing by.

H. H. Bennett in *Teachers' World*.

AN ANTHEM FOR ARBOR DAY.

(Tune—"America.")

Joy for the sturdy trees!
Fanned by each fragrant breeze,
Lovely they stand!
The song-birds o'er them trill,
They shade each tinkling rill,
They crowd each swelling hill,
Lowly or grand.

Under the provisions of section 2742 the claims of the county superintendent for postage, etc., must be verified, filed with the county auditor and paid for by a warrant drawn by the auditor upon the county treasurer.

The statute nowhere authorizes the appropriation or use of any part of the county school tax for the purpose of purchasing supplies for the county superintendent. The entire amount of such tax must be apportioned to the school corporations of the county, and the board of supervisors should furnish all supplies necessary to enable the county superintendent to discharge the duties of his office and pay for the same from the funds of the county. Respectfully submitted,

August 3, 1905.

HON. JOHN F. RIGGS,

Superintendent of Public Instruction.

CHAS. W. MULLAN,

Attorney-General of Iowa.

REPORT OF THE STATE EDUCATIONAL BOARD OF
EXAMINERS.

DATES OF EXAMINATION FOR STATE DIPLOMAS.

1903	
Des Moines.....	November 29-30
1904	
Des Moines.....	November 30-December 1

DATES OF EXAMINATIONS FOR STATE CERTIFICATES.

1903	
Cedar Falls	November 24-25
Des Moines.....	December 29-30

1904	
Cedar Falls.....	March 8-9
Cedar Falls.....	June 2-3
Des Moines.....	June 9-11
Mount Vernon.....	June 22-24
Council Bluffs.....	June 29-July 1
Sioux City.....	July 20-22
Shenandoah.....	July 20-22
Cedar Falls.....	July 21-23
Humboldt.....	July 25-27
Woodbine.....	July 28-30
Iowa City.....	July 28-30
Des Moines.....	July 28-30
Independence.....	August 2-4
Cedar Falls.....	November 22-23
Des Moines.....	December 27-29

1905	
Cedar Falls.....	March 6-8
Cedar Falls.....	May 31-June 2
Des Moines.....	June 15-17
Council Bluffs.....	June 19-21
Cedar Falls.....	July 19-21
Mount Vernon.....	July 20-22
Shenandoah.....	July 20-22
Ft. Dodge.....	July 24-26
Iowa City.....	July 27-29
Des Moines.....	July 27-29
Woodbine.....	July 27-29
Sioux City.....	July 27-29
Oskaloosa.....	August 2-4
Independence.....	August 22-24
Decorah.....	August 30-September 1

WORK OF EDUCATIONAL BOARD OF EXAMINERS.

STATEMENT

Showing record of examinations held by the state educational board of examiners; together with fees received and deposited with the state treasurer.

STATE DIPLOMAS

		No of Applicants		Certificates Issued		Failures	Fees
		Males	Females	Males	Females		
January 1, 1904			1		1		\$ 5 00
June 1, 1905		1		1			5 00
	Totals	1	1	1	1		10 00

STATE CERTIFICATES

December 1, 1903		2	9	1	9	1	\$ 31 00
December 1, 1903	Renewals		1		1		3 00
January 1, 1904		9	12	5	5	11	46 50
January 1, 1904	Renewals	19	27	19	27		138 00
February 1, 1904	Renewals	2		2	3		6 00
April 1, 1904		6	3	6	3		27 00
April 1, 1904	Renewals	4	2	4			18 00
May 2, 1904	Renewals	6	3	6	3		27 00
July 1, 1904		26	53	24	46	9	223 50
July 1, 1904	Renewals	12	27	12	27		117 00
August 1, 1904		48	85	37	63	33	349 50
August 1, 1904	Renewals	14	29	14	29		129 00
September 1, 1904			13		5	8	27 00
September 1, 1904	Renewals	8	24	8	24		96 00
December 1, 1904		2	4	2	4		18 00
December 1, 1904	Renewals	7	26	7	26		99 00
January 2, 1905		19	10	14	8	7	76 50
January 2, 1905	Renewals	6	11	6	11		51 00
February 1, 1905	Renewals		5		5		15 00
April 1, 1905		5	4	4	4	1	25 50
April 1, 1905	Renewals	2	1	2	1		9 00
July 1, 1905		21	48	20	46	3	202 50
July 1, 1905	Renewals	14	32	14	32		138 00
August 1, 1905		1			1		3 00
August 1, 1905	Renewals	1			1		3 00
August 15, 1905		46	114	36	82	42	417 00
August 15, 1905	Renewals	17	70	17	70		261 00
September 1, 1905		2	7		1	8	15 00
September 1, 1905	Renewals	12	12	12	12		72 00
	Totals	311	632	272	548	123	\$2644 50

PRIMARY STATE CERTIFICATE

			No. of Applicants		Certificates Issued		Failures	Fees
			Males	Females	Males	Females		
November	1, 1903	Renewals		1		1		\$ 3 00
December	1, 1903	Renewals		4		4		12 00
January	1, 1904			28		5	3	19 50
January	1, 1904	Renewals		7		7		21 00
April	1, 1904			2		2		6 00
April	1, 1904	Renewals		1		1		3 00
May	2, 1904	Renewals		1		1		3 00
July	1, 1904			32		30	2	93 00
July	1, 1904	Renewals		3		3		9 00
August	1, 1904			57		54	3	166 50
August	1, 1904	Renewals		9		9		27 00
September	1, 1904			3		3		9 00
September	1, 1904	Renewals		19		19		57 00
December	1, 1904			2		2		6 00
December	1, 1904	Renewals		3		3		9 00
January	2, 1905			4		4		12 00
January	2, 1905	Renewals		3		3		9 00
July	1, 1905			42		30	12	108 00
July	1, 1905	Renewals		5		5		15 00
August	1, 1905			4		3	1	10 50
August	1, 1905	Renewals		3		3		9 00
August	15, 1905			46		46		138 00
August	15, 1905	Renewals		34		34		102 00
September	1, 1905			65		43	22	162 00
September	1, 1905	Renewals		8		8		24 00
Totals				367		324	43	\$1033 50

SPECIAL STATE CERTIFICATES

		No. of Applicants		Certificates Granted		No. Failed	Kind	Fees Received and Deposited
Males	Females	Males	Females					
July 1, 1904	1		1				Drawing	\$ 3 00
August 15, 1905	3		1		2		Music	6 00
Totals		4	2		2			9 00

REPORT OF THE TWO YEAR STATE CERTIFICATES

	No. of Applicants		No. Certif's Granted		No. Failed	Fees Received and Deposited
	Males	Females	Males	Females		
July 1, 1904.....	.....	1	.....	1	.....	\$ 2 00
August 1, 1904.....	.....	9	.....	6	3	15 00
August 15, 1905.....	5	17	6	15	4	46 00
September 1, 1905, Renewals	1	1	1	1	.....	4 00
September 15, 1905.....	2	5	2	1	4	10 00
Totals.....	11	33	9	24	11	77 00

SUMMARY

	Number of Applicants.			Certificates and Diplomas granted.			No. Failed	Fees Received and Deposited
	Males	Females	Total	Males	Females	Total		
State Diplomas.....	1	1	2	1	1	2	.....	\$ 10 00
State Certificates.....	311	623	943	272	548	820	123	2 644 50
Primary State Certificates.....	.....	367	367	.....	324	324	43	1 033 50
Special State Certificates.....	.....	4	4	.....	2	2	2	9 00
Two Year State Certificates.....	11	33	44	9	24	33	11	77 00
Totals.....	323	1037	1360	282	899	1181	179	\$3774 00

DIPLOMAS AND CERTIFICATES ISSUED UNDER THE PRESENT LAW FOR BIENNIAL PERIODS ENDING SEPTEMBER 30, 1905

	1882-1883	1884-1885	1886-1887	1888-1889	1890-1891	1892-1893	1894-1895	1896-1897	1898-1899	1900-1901	1902-1903	1904-1905	Total
State Diplomas..	.....	.....	38	44	52	38	54	41	42	39	8	2	358
State Certificates	7	9	53	141	238	252	440	509	680	774	652	820	4575
Primary State C.	.....	.....	.....	.....	.....	.....	.....	.....	114	173	186	324	797
Special State C	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	5	2	10
Two Year State C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	33	38
Totals.....	7	9	91	185	290	290	494	550	836	989	856	1181	5778

STATEMENT

Of examination fees received and deposited with the State Treasurer for the biennial period ending September 30, 1905

Date of Deposit	No. of Treas. Receipt	Amount
January 2, 1904.....	224	\$ 276 50
May 24, 1904.....	240	87 00
September 10, 1904	266	1317 50
February 18, 1905.....	305	301 50
September 30, 1905.....	362	1791 50
Total.....	.....	3774 00

EXAMINATION FEES

Received and deposited with the State Treasurer during bi-ennial periods ending July 1.

1884-85.....	\$ 42 00	
1886-87.....	33 00	
1888-89.....	766 00	
1890-91.....	856 50	
1892-93.....	1140 00	
1894-95.....	1282 00	
1896-97.....	1800 50	
1898-99.....	2456 50	
1900-01.....	3268 00	
1902-03.....	2508 00	
1904-05.....	3161 00	
1905*.....	1791 50	
		\$19,105 00

*From July 1, 1905 to September 3, 1905.

PAID FOR EXPENSES

During biennial periods ending July 1.

1882-83.....	\$ 237 05	
1884-85.....	72 55	
1886-87.....	318 12	
1888-89.....	539 50	
1890-91.....	786 92	
1892-93.....	549 81	
1894-95.....	964 95	
1896-97.....	1052 28	
1898-99.....	1660 57	
1900-1901.....	2377 60	
1902-03.....	2193 88	
1904-05.....	2621 61	
*1905.....	367 79	
		\$13,742 73

*From July 1, 1905 to September 30, 1905.

SUMMARY.

Number of diplomas issued to September 30, 1903.....	356
Number of diplomas issued during the biennial period ending September 30, 1905.....	2
	<hr/>
Total number issued and in force September 30, 1905.....	358
Number of state certificates issued to September 30, 1903.....	3755
Number of state certificates issued during the biennial period ending September 30, 1905.....	820
	<hr/>
Total number issued to September 30, 1905.....	4575
Expired by limitation to September 30, 1903.....	1984
Expired by limitation during the biennial period ending September 30, 1905.....	755
	<hr/>
Total number expired to September 30, 1905.....	2739
Number state certificates in force September 30, 1905.....	1836
Number of primary state certificates issued to September 30, 1903....	473
Number of primary state certificates issued during the biennial period ending September 30, 1905.....	324
	<hr/>
Total number of primary state certificates issued to September 30, 1905.....	797
Expired by limitation to September 30, 1905.....	45
Expired by limitation during biennial period ending September 30, 1905.....	171
	<hr/>
Total number expired to September 30, 1905.....	216
Number primary state certificates in force September 30, 1905.....	581
Number special state certificates issued to September 30, 1903.....	8
Number special state certificates issued during the biennial period ending September 30, 1905.....	2
	<hr/>
Total number issued and in force September 30, 1905.....	10
Number two-year state certificates issued to September 30, 1903.....	5
Number two-year state certificates issued during biennial period ending September 30, 1905.....	33
	<hr/>
Total number issued to September 30, 1905.....	38
Expired by limitation to September 30, 1905.....	5
Total number in force September 30, 1905....	33
Total number state diplomas and state certificates in force September 30, 1905.....	2818

STATE DIPLOMAS.

Number granted to college graduates	1
Number granted to State Normal School graduates.....	1
Total number diplomas issued.....	2

STATE CERTIFICATES.

Number granted to University graduates.....	67
Number granted to College graduates.....	90
Number granted to State Normal School graduates....	463
Number granted to Private Normal School graduates.....	48
Number granted to High School graduates.....	62
Number granted to Academy graduates.....	9
Number granted to Non-graduates.....	81
Total number certificates issued.....	820

PRIMARY STATE CERTIFICATES.

Number granted to University graduates.....	4
Number granted to College graduates.....	15
Number granted to State Normal School graduates.....	143
Number granted to Private Normal School graduates.....	68
Number granted to High School graduates.....	58
Number granted to Non-graduates. . .	36
Total number primary state certificates issued.....	324

SPECIAL STATE CERTIFICATES.

Number granted State Normal School graduates.....	2
Total number special state certificates issued.....	2

STATEMENT

Of the expenses of the State Educational Board of Examiners from
October 1, 1903 to October 1, 1905.

WARRANTS ISSUED.

From October 1, to December 31, 1903.

1903		
Oct. 14.....	F. E. Bolton	\$ 3 00
Nov 12	Selina Gooder.....	5 00
Nov. 12.....	W. F. Giesseman.....	35 40
Dec. 5	G. W. Walters.....	3 00
Dec. 5	C. A. Fullerton.....	1 50
Dec. 5	A. W. Rich.....	6 00
Dec. 19.....	Alice Altona.....	28 40
Dec. 24.....	H. H. Seerley.....	44 03
Dec. 28.....	O. J. McManus.....	56 02
Dec. 27.....	J. F. Brown....	60 13
Dec. 29.....	Geo. E. MacLean	5 85
Dec. 31.....	J F Mitchell.....	5 55
Dec. 31.....	Hattie Moore-Mitchell.....	5 55
Dec 31.....	Fannie Schaffer... ..	10 05
Dec. 31.....	Grace Troutner.. ..	10 05
Dec. 31.....	Alice Altona	9 00
Dec. 31	Emma C. Mou'ton.....	7 05
Dec. 31.....	J. F. Riggs.....	14 20
Dec. 31.....	R. C. Barrett.....	16 32
Total.....		<u>361.10</u>

From January 1, to December 31, 1904.

Jan. 16	W. F. Giesseman	\$ 7 60
Jan. 18.....	H. H. Seerley.....	9 60
Jan. 22	Geo. E. MacLean.....	12 03
Jan. 30.....	Alice Altona.....	70 50
Feb. 6	Addie B. Billington....	30 00
Feb. 18.....	O. J. McManus.....	29 00
Mar. 1.....	I. S. Condit.....	3 00
Mar. 1.....	G. W. Walters.....	3 00
Mar 1.....	L. W. Parish.....	3 00
Mar. 1.....	A. W. Rich.....	3 00
Mar. 1.....	C. A. Fullerton.....	3 00
Mar. 7.....	Alice Altona.....	51 00
Mar. 19.....	H. H. Seerley.....	14 79
Mar. 19....	A. W. Rich	9 00
Mar. 31.....	Alice Altona.....	81 00
Apr. 30.....	Alice Altona.....	78 00
Apr. 30.....	Ella Ford-Miller.....	6 00

.....	H. H. Seerley.....	\$ 10 15
.....	H. H. Seerley.....	14 58
.....	Alice Hopper.....	10 50
.....	Clara A. Tilton.....	3 00
.....	M. F. Arey.....	3 00
.....	Sarah Riggs.....	3 00
.....	W. H. Bender.....	3 00
.....	Alice Altona.....	75 00
.....	Emma C. Moulton.....	5 00
.....	Grace Troutner.....	5 00
.....	Agnes Patterson.....	5 00
.....	F. L. Douglass.....	6 55
.....	Iowa State Normal School.....	7 00
.....	G. W. Walters.....	2 25
.....	M. F. Arey.....	3 00
.....	G. W. Sampson.....	3 00
.....	K. F. Geiser.....	4 50
.....	H. E. Cummins.....	3 00
.....	Enola P. Pierce.....	2 25
.....	Sarah F. Price.....	3 00
.....	E. a L. Gregg.....	2 25
.....	Allison E. Aitchison.....	2 25
.....	C. P. Colgrove.....	1 50
.....	Anna McGovern.....	1 50
.....	Bertha L. Patt.....	3 00
.....	Henrietta Thornton.....	3 00
.....	Ira S. Condit.....	3 00
.....	G. W. Newton.....	3 00
.....	S. F. Hersey.....	3 00
.....	L. W. Parish.....	3 00
.....	A. W. Rich.....	12 00
.....	Alice Altona.....	93 70
.....	F. L. Douglass.....	4 85
.....	Jennie Culbertson.....	4 95
.....	Jessie McKlveen.....	18 00
.....	Emma C. Moulton.....	15 50
.....	Alice Altona.....	107 90
.....	O. J. McManus.....	44 48
.....	F. C. Ensign.....	6 00
.....	H. C. Dorcas.....	6 00
.....	Emma C. Moulton.....	31 90
.....	Alice Altona.....	97 65
.....	Agnes Patterson.....	25 12
.....	Ida M. Rea.....	24 00
.....	Grace Troutner.....	26 90
.....	Jennie Culbertson.....	20 10
.....	Alice Altona.....	76 50
.....	Anna M. Rea.....	4 50
.....	G. H. Krohn.....	13 60
.....	Will Anderson.....	22 26

ov. 12.....	Addie B. Billington	\$ 3 00
Dec. 7.....	W. H. Bender.....	3 00
Dec. 7.....	L. W. Parish.....	3 00
Dec. 7.....	S. F. Hersey.....	2 25
Dec. 7.....	G. W. Walters.....	4 50
Dec. 7.....	H. H. Seerley.....	18 35
Dec. 7.....	G. W. Newton.....	2 25
Dec. 7.....	H. C. Cummins.....	1 50
Dec. 7.....	M. F. Arey	1 50
Dec. 7.....	Sara F. Rice.....	3 00
Dec. 7.....	Anna E McGovern.....	1 50
Dec. 7.....	Ira S. Condit.....	3 00
Dec. 7.....	Bertha Patt.....	1 50
Dec. 7.....	K. F. Geiser.....	1 50
Dec. 7.....	A. W. Rich.....	9 00
Dec. 7.....	C. P. Colgrove.....	3 00
Dec. 7.....	Enola P. Pierce.....	1 50
Dec. 7.....	C. A. Fullerton.....	3 00
Dec. 7.....	G. W. Sampson.....	6 00
Dec. 7.....	H. H. Seerley.....	8 00
Dec. 31.....	Alice Altona	30 00
Dec. 31.....	Alice Altona.....	13 50
Dec. 31.....	Joseph S. Hofer	9 70
Dec 31.....	Fannie Schaffer.....	17 60
Dec. 31.....	G. H. Krohn.....	1 50
Total.....		\$1807.46

From January 1, to September 30, 1905,

Jan. 21.....	J. C. Bennett	\$ 12 97
Feb 11.....	H. H. Seerley.....	23 27
Feb. 9	Alice Altona.....	49 50
Feb 13.....	Maria M Roberts	17 11
Feb. 23.....	Ethel McLanahan.....	6 50
Apr. 10.....	O J. McManus.....	116 21
Apr. 10.....	H. H. Serely.....	10 11
Apr. 22.....	G. H. Krohn.....	1 60
May 24.....	Geo. E. Mac Lean.....	22 70
May 29.....	Viola H. Schell.....	50 00
June 17.....	Elizabeth Culbertson.....	8 30
June 19.....	Minna M. Merriam.....	15 70
June 19.....	Lucy E. Plummer.....	20 00
June 19	Iowa State Normal School.....	5 40
June 20.....	Louise E. Hughes.....	33 00
June 21.....	A. T. Dowuey.....	14 50
June 23.....	Mara M. Roberts	5 00
June 30.....	Viola H. Schell.....	75 00
July 6	Baker-Trisler Co.....	1 10
July 17.....	G. H. Krohn.....	15 05
July 22.....	John F. Riggs.....	8 71

.....	C. A. Wise & Sons Co.....	\$10 92
.... .	Lura C. Kingman.....	12 50
.....	Lucy E. Plummer.....	12 00
.....	H. H. Freer.....	7 25
.....	Geo. H. Betts.....	6 00
.....	Viola H. Schell.....	13 79
.....	Viola H. Schell.....	75 00
.....	Viola H. Schell.....	10 07
.	J. M. Hussey.....	3 00
.....	A. L. Brown.....	3 00
.....	Elizabeth Dean.....	9 75
.....	D. E. Brainard.....	9 60
.....	Clara S. Dodds.....	6 35
.....	Louise E. Hughes.....	42 90
.....	Mrs. Nellie Sillick.....	18 00
.....	Jos. S. Hofer.....	19 75
.....	Elizabeth Culbertson.....	48 40
.....	A. W. Merrill.....	20 10
.....	Viola H. Schell.....	14 55
.....	Viola H. Schell.....	9 07
.....	Viola H. Schell.....	75 00
.....	Agnes M. Patterson.....	13 28
.....	A. W. Merrill.....	3 35
.....	Elizabeth Culbertson.....	4 80
.....	Will Anderson.....	12 04
.... .	Elizabeth Culbertson.....	9 80
.....	Viola H. Schell.....	19 55
.....	Viola H. Schell.....	75 00
Total.....		<u>\$2 884 88</u>

DIPLOMAS AND CERTIFICATES

DIPLOMAS

Date	To Whom Issued	Date	To Whom Issued
1904 Jan. 1	Martha F. Roberts	1905 June 1	Walter B. Munson

STATE CERTIFICATES

1903 Dec. 1	Ida Culver Jennie F. Hall Ella Hoffman Leonora Jacobson Anna Johnson Ethel Langhead Mary Shilliam O. S. von Krog Retta Walrod Maud C. Weatherwax Viola H. Schell	1904 Jan. 1	Anna B. Osborne F. E. Howard John W. Jackson Frank Jarvis E. C. Meredith Elizabeth Carroll Fred L. Casidy Grace Greenfield Jessie M. Lickel E. E. Martin J. W. Miller Paul J. Scarbro R. W. Sies Sylvia Smith Nellie Stewart Walter S. Athearn Ida B. Berg Lillian Blakely O. E. Dixon Mabel Kitterman P. W. Peterson Katharin G. Willis A. W. Grisell Forest C. Ensign
1904 Jan. 1	Lillian Bridgeford O. B. Chassell Lillian B. Daniels Nellie Dority Ezra Gibson A. L. Heminger Luella Johnson Mary E. Lovejoy O. D. Longstreth Jessie Nutting Priest Jessie B. Roberts G. W. Satterthwaite Celia G. Troutner Ella B. Chassell Florence Claypool Elizabeth M. Frye Nellie Johnson Mary E. Steele J. G. Grundy C. F. Barrows J. C. Bennett Charles Benson Harriet Bieghler Mary S. Christ Valona Helmick Fannie Holmes Elizabeth D. Jones Henrietta Kelly Frances Lathrop Alice G. Lewis James L. Mishler Mathe O. Phillips	Feb. 1	S. S. Wright P. E. McClenahan
		April 1	Zoe Britton Don Campbell C. E. Cavett George F. Failor Ward Hannah Loula Houck Walter P. Jensen Nellie M. Johnson Guy Ribble F. E. Ball Prudence Jackson Anna Montgomery S. M. Coddington Jos. C. McGee G. U. Gordon

STATE CERTIFICATES-CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
May 1	James Lawrey Jesse Benjamin E. W. Fellows J. H. Jacobs Jeannette J. Joy Sarah E. Kendall Maud St. John LuVerne A. Wilson Ozias Lincoln	1904 July 1	F. H. Stewart J. C. Smith Ella L. Sandager T. B. Stewart Mary A. Sartori Grace L. Smith R. R. Stuart Frances R. Stillwagon Bertha C. Styles Josephine Ullman Thomas Teakle Daisy E. Turner Alice Vaala Pearl VanTui Edith VanTui William Wendt Ernest Walker Minnie Willits Jennie Woodard G. E. Wallace Bessie Gariland Chloris Anderson Gertie Ayers Loretta H. Blake O. L. Brooks Nellie Cahow Dora D. Clark Mae G. Dolan Rose M. Ferguson A. W. Fuller Flora B. Galt A. T. Gifford E. C. Hill Mame E. Hochstetler Edith Korinke John W. McCulloch Mary R. McDuffie G. E. Mueller Olive I. Orton F. A. Poots Mary Ryan Jessie L. Turner Katherine Walters A. O. Wydell Beniah Dimmitt Jennie Hallingby M. R. Hassell Agnes Heightshoe Hilda Lundin Ella Ford-Miller Margaret Montgomery Katharine Newberry Sophia Heiber-Pfeifer Mabel Shearer F. W. Shultis Fannie B. Small
July 1	B. D. Atchley Bessie P. Ballentine Julia Bucklen Florence Butler Bessie C. Brinton Mabel J. Bendel Amy S. Crary Jessie M. Clark A. S. Colgrove Flo Correll Cora A. Downey Olive S. Dickerson Essie M. Davies Raymond Dix Ruth E. Egloff Edna A. Foxwell Ruth O. Fuller Mary M. Faint Chris Fesenbeck Ethel Gerken Ethel Hall Margaret B. Hardy Frank G. Hart Owen Hammersley Harriet E. Joice J. L. Johnson Helga L. Jacobson Ora E. Johnson Carl J. Kneck Vida R. Keene Ruth C. Long B. B. McGinnis Mary McComb E. L. McConkie Cora Mercer Fannie Mueller C. S. Misseldine Elizabeth Minney Maud Nelson Carrie Olsen Mabel A. Payton Margaret F. Pearson Maud E. Pattison C. W. Roadman E. A. Roadman Mike M. Ries		

Date	To Whom Issued	Date	To Whom Issued
1904 July	Emma R. Valenta Clara A. Boss Marv Heiber Ole H. Hollen Margaret Taylor J. R. VanFossen Life Harrison	1904 Aug.	J. L. Packer Adda B. Patterson Delpha E. Peak Cora Quayle Millie M. Rogers Valeria Secor Cora O. Selby J. H. Seymour R. H. Sylvester Adda B. Stone G. H. Schwenke Verna M. Scott Ella F. Williams J. A. Yeager Ida Haloldson Jean E. MacKeller Louise A. Nelson Georgia E. Packer Lucy O. Pingrey Lina C. Ankerman Anna B. Coomer F. W. Else Melvin R. Fayram F. L. Kolb Marion E. Leonard John Sogard Fannie A. Van Dorn Mamie A. Klinefelter Ida G. Ziegler Bertha L. Marsh Francis E. Smith B. J. Read Winnifred Morris Mary Michener Gertrude Clark Parker Constance G. Camp Edna Wells E. G. Quigley Susan Kirstetter Ella Lukenbell Katherine Sass A. D. Cromwell Bettie Remstrom Franc Lymer Bertha Westphal L. A. Giddings C. C. Knoll Emily Witter Leo V. Beaulieu Jessie I. Graham Jessie P. Hastings Lida Marshall Hope Chester E. Moffett Edmund L. Kelley Anna M. Sorenson Grace N. Swan
1904 Aug.	E. R. Jackson Charlotte Dryden Palmine Arent E. L. Ackerman Minnie B. Ashton Nellie M. Bay E. F. Bean Rose Bixler Clara E. Bonnewell Laura Baker Margaret Buttfield C. F. Burton Mattie A. Connolly Martha E. Cooper Elmer Charlson H. L. Ellis Mae S. Ensign Agnes M. Farnsworth Mary M. Feltus Jessie M. Ford Madeline Fevereisen A. S. Gist Velma Gray W. I. Griffith Alice Haley Tura Hawk T. B. Homan Elizabeth Henderson G. C. Hoyt Lillian M. Johnson Ida F. Judd Orie A. Johnson Lura Chase Kingman Anna V. Kegler Grace I. Koteleson Grace Lambert Harry Lambert John Ludwickson Helena Messerschmidt Lillie M. Mohan Harry B. Morgan G. H. Mount J. C. McGlade Chas. D. McClain Amelia McDonnell Blanche McLaughlin Kate H. McDonald Allie Nelson		

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
1904 Aug.	1 Abram O. Thomas Roland Neal Daisy Boylan W. O. Chisholm H. L. Cosner Anna Duffield Wm. T. DeMar Eva M. Fleming Katie Griffin Lucy E. Hall Margaret McCormick Ethel Moore Terza Quick Ida P. Richmond Maye Sedgwick Ralph A. Sell Marie L. Schmidt C. C. Smith Caroline S. Toby E. R. Thomas A. C. Voelker J. T. Bradshaw E. R. Collins F. L. Douglass Kittie Grimes Anna M. Hill Liona Hopkins Valeda Madsen J. B. Morris F. N. Olry Fannie D. Patton Kittie C. Preston Antonia J. Stober G. G. Washburn Eva M. White Robert F. Wood	1904 Sept.	1 Mabel S. Young Maria Z. Pingrey Elsie Whited Mollie B. rber Millsap Loren W. Inman Maissy Schriener Maud Hursey W. P. Johnson P. P. Sullivan Chas. H. Young W. J. Cattell Francis Rogers Florence Marshall Clara E. Thompson Lura Phillips Lora L. Richardson Katherine M. Taylor H. O. Bateman Laura A. Hoag L. E. A. Ling J. C. King
1904 Sept.	1 Anna Black Lydia B. Christ Lucy D. Mason Florence Reed Elsie Travis Lillie Ludwig Minnie Bucklaw Dora Cornelysen Anna R. Darwin Ida Droegemeyer Kate A. Hummer Minnie H. Hunter Hattie Kline Marshall McFee Emma L. Meier Mary B. Miller Crissie Millspaugh Carrie E. Robbins Lucy Sullivan	1904 Dec.	1 Lily F. Ashley H. E. Deater Harriet M. Furry Myrta Harlow Mary Lytle Agnes Otto Mame R. Prosser Nellie L. Smith Ella M. Thompson Jessie C. Walker F. A. Welch Rose W. Reed Mamie Burgess Olive Orr Lydia J. Rolston Emelia Seltzer Laura S. Horn Gladys E. Dunn Myrtle Ivey J. W. Jones Ethel A. Lutes J. O. Murphy Jessie G. Stuart Jessie L. Bradshaw Mary Davis Ada Eighmey J. T. Fackler Thyrza Hornewell Anna Kuebler R. T. Scott L. P. Sornson Bertha Taylor Lydia Tostlebe J. F. Treasure

STATE CERTIFICATES—Continued.

Date	To Whom Issued	Date	To Whom Issued
1904 Dec. 1	Etta J. Rider Mary Brannan J. E. Cameron Lizzie Rhodes Elsie Orcutt	1905 April 1	Agnes J. Field May E. Francis Hulah Coon Harry G. Martin Lucy G. Mowrer R. M. Peterson L. N. Gerber
1905 Jan. 1	W. H. Branch L. P. Breeden E. E. Cavanaugh Mae Comstock Fannie Eberhart Rose Friedman H. J. Henderson M. H. Hoffman H. W. Hurt Bernice Johnston H. E. Jones I. C. Lovejoy F. J. Mantz Ceola Marks F. M. Phillips Emma H. Sheets Mary L. Sutton H. O. Swingen H. M. Tiffany B. F. Wescoat J. H. Wescoat P. L. Sager C. Jay Boyington Mrs. J. L. Buecheler Emma A. Dilley H. A. Dwelle Jay A. Lapham E. C. Lynn Mary Morton Jeanette Stoss F. O. Smith Nellie Syverson Mary E. Waller May Williams Jennie E. Wolcott Myra Dungan Kittie M. Howard Katherine Paine F. W. Perkins	1905 July 1	Eva M. Baker Mary A. Brown C. E. Buckley Grace Brainard Isabella Cowan L. D. Curtis Edith H. Curtis Lillian Dale George D. Eaton James E. Fitzgerald Maud L. Foot Elsie Farbrick Margaret Gilchrist Martha Hutchinson Albert L. Halstead O. E. Hibbs Elizabeth Hieber Florence Kimball J. H. Kelley Mollie Kelly James Kendrick Lillian E. Long Jennie M. Lindsey Philomena Meyer Alice R. Mallory B. W. McKeen John McPherson Carrie L. Neidy A. T. S. Owen Cora D. Patterson Cora A. Reed Mary Rourke Erdena Rose Mary E. Patterson Leslie I. Reed Elsie Steinman Edna Stone Katherine Sheehan William R. Sandy Lesia D. Troth Cynthia T. Wight Ellen B. Writo Belle Woodford Margaret A. Gorman Emma A. Jackson E. W. B. Mark Veva Aylwood Emma Arent
1905 Feb. 1	Florence Okerson Francis Mills Nellie Young-Foote Celesta Schoener Delia Reilley		
1905 April 1	Macv Campbell Sarah Carpenter J. T. Colgrove Frank E. Ford		

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
1905 July 1	John Butler Louis Boling Lewis Currell Myra Downs Marie A. Dege John Donahue Flora E. Evans Rose Freeman Susa M. French Mary Flynn Emma Freyermuth Jennie Gustafson Sephorus Gates Ida M. Hoebel Clara P. Hayden Alta Hiddleson Jessie L. Hopkirk Harry G. Hayes Georgia B. Herrald Katie B. Hoyt Lucy Ingersoll Austin G. Johnson Thomas E. Jones Leah F. Johnson Fanny G. Kaye Lucy L. Kinsley Gladys L. Kiefer Carrie A. Knipe Raymond Leland Lizzie M. Lamberty Lottie A. Lindberg Maye L. Loomis Jessie M. Lester Iva M. Leary Jessie B. Little Emery E. Magee Walter W. Miller Alvina Mann W. L. Maulsby Iva P. McCaffree D. B. McIlravy Aulora McIntyre R. E. Newcomb Blanche L. Nelson Elizabeth New on Harry A. Ogden Willia A. Otilie Clarence M. Parker Mabel Paull J. C. Ralph Lydia I. Sierr Katharine Spangler Edna L. Thatcher Cordelia Treat Edna A. Walker Ethel H. Wood	1905 July 1 1905 Aug. 1 1905 Aug. 15	George W. Weber Effie M. Weisbard Mary Walters Ellen White Dalma E. Young William S. Yeager Daisy P. Blum Lillian McCole Nellie M. Cole C. R. Lowe Naomi Achenbach Bessie Burnett Willis Bell Vlasta Brehl Margaret Craven Harry D. Dana Mary B. Donnon. Albert C. Fuller Vinnie Garrett Ellen Gillmor Jennie A. Huie Hanora L. Huddy F. S. Hills Nellie N. Hoxie Mary E. Keehl Emma Larkin R. R. Lewis Maude Lane Ella E. Moore Jennie B. Maynard Mae Mercer Katie J. Putnam Mary B. Richardson Cornelia Rhynsbarger Mabel S. Ray W. H. Ray Elizabeth C. Rittgers Irene C. Sacquety Alma Savage Sadie Seabloom Belle Supplee Minnie L. Wilson Sara M. Wilson Sedona Fesenbeck Erie D. Collins Johana Hansen Charles S. Cory Bessie Buchanan Letta D. Horner Anne E. Cunningham Belle C. Aker Edith M. Anderson Elizabeth Baur Cecil W. Bangs

REPORT OF THE

STATE CERTIFICATES—Continued.

Date	To Whom Issued	Date	To Whom Issued
1905 Aug. 15	Arthur Bruce Mathilde Becker Ruth Butler A. D. Coffman Bess J. Chase David D. Carlton Harry A. Crawford John M. Dunkerton Matilda A. Duns Laura Finch Grace Farrell Jessie Farlow Mildred I. Goodrich John S. Goldthwaite Theresa A. Gepson Alice Graham Myrtle Goodykoontz Charlotte Hunt Etta K. Hildabrand Winnifred M. Harris Augusta Hatchcock Carrie Hiams Clara E. Johnson Effie Longman Mae Lyon Albert J. Meyer Orry C. Morrison Walter S. Mason Jesse B. Manifold Kate L. Morse Althea Montgomery Beattie McCrea Nora McCaffree Anna C. McKinnon Gertrude Nenno Myrtle Newman Hilma C. Olson Elma Overmire Stella Pence Jessie A. Parish Mabel Parish Lillie Parmenter Lucy S. Royce Leo Ranney Alma L. Reichert Elizabeth Riff Ida L. Soecht Lena Swanson Fay M. Srawn Grace N. Smith Minnie Vannest Virginia White Nellie Wae Mabel Wilbur Starr G. Wilson Clyde D. Workman	1905 Aug. 15	Calvin B. Adair Elizabeth Fitz Alice Fountain Hattie T. Hall Clara L. Krause Minna M. Merriam Joseph S. Ulm Harriet Wood Mae L. Toomey Arlynn M. Dance Coralie Dwinell Clara Mead Sina Olsen Bessie Granger Sabra Harrington Leo H. Paulger Royal Smalley Lida Updegraph Rachel M. D. Iph Florence Mapes Lela Blaine E. H. Downey Newell E. Johnson R. C. Kelley Lou C. Landers C. F. Mueller Lynn Anderson Fred Deming Hattie Drake C. F. Eakins Minnie Evans W. B. Greer Mabel Huffman Myra Jensen C. R. Laraway Mary Llewellyn Edna McMullen Lillian L. Mitchell E. J. P. Hock A. N. Smith Mary E. Smith Edwin M. Westbrook C. C. Willard Frank S. Willy Howard S. Wood Daisy Longman Roland Meyers Sudie Prose Florence Aldridge Le Roy Anderson Nellie M. Fox F. D. Imlay Edith Norton Isabelle Tripp Alice P. Woodford Adeline Crickett

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
1905 Aug. 15	Mary S. Moore R. H. Williams Matie Alexander Myrtle E. Anders Berton L. Bankert Hanna Clendenon Alice G. Edgerly Nellie M. Emmons Emma J. Fordyce Elizabeth M. Gill Florence E. Graham Laura R. Graham Charles C. Gray Mary D. Hall Alice E. Kepler Lucie E. Lukeus Ida I. Morris Emma C. Moulton L. T. Newton John F. Overmeyer Ella M. Payton Edith L. Phillips Edna S. Poorbaugh John J. Rae Harriet M. Rankins Lillian Rogers Anna B. Romig Caroline Schichtl Nellie R. Schroeter Nettie M. Siders Tillman Smith Harris W. Smith Harriet M. Stephens Mamie St. George Hilles Taylor Mary H. Wickware Lillian E. Waite Lulu Washburn	1905 Aug. 15	Daisy Estella Wood Ethel M. Estebrook Arthur M. Gray Hattie W. Hibbin Lena Hoffman Flora E. Smith Jennie A Stiles Janet Wilson David Williams Ellen J. Wing Bertha V. Wyant
		1905 Sept. 1	Zetta Brewer I. M. Boggs Lavinia Mowrey Lulu Mills W. H. Kent Amy L. Clark James A. Eckenrod Stephen R. Ritz Katherine Mauthe Albert S. Murray Louise Pashby Eva M. Saucer Frank M. Stotler Charles Murray Mabel M. Whitney Will Gossard Alvin J. Cavana Ruby Baughman Ida Reimer Leonard J. Salisbury Jessie Butterfield William C. Hicks Clara S. Rice Lawrence G. Focht Zulema Kostomlatsky

PRIMARY STATE CERTIFICATES.

1903 Nov. 1	Mary Young	1904 Jan. 1	R. May Pyne Gertrude Diemer Agnes Hannam Helen McGrath Lucie E. McNalley Elizabeth Penny Lavinia Forsythe Agnes Patterson Josephine Petheram
1903 Dec. 1	Lenna Cowles Clara Lynn Harriet Riley Dora Trumbauer		
1904 Jan. 1	Una Grettinberg Ora Claytor Emma Forsythe	1904 April 1	Clara E. Jones Ethyl M. Lyon

REPORT OF THE

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
1904 April	Blanche Stoddard Jane Kreigh	1904 Aug.	Florence McNeal Ida M. Marschal Alice Newstrand Myrtle Parkes Mary E. Reece Esther Ridley Anna Rhynsbarger Maud Rohlfson Minnie R. Rice Lida C. Sands Laura T. E. Specht Katherine Toole Maud Thompson Nettie E. Taylor Jessie R. Wyler Katherine Whitehead Lydia M. Wilbur Ella Wood Lillian N. Smith Mary Hoagland Allie B. LeFever Jessie M. Carter Anna O. Lothian Margaret Overholser Maud Logan Jennette N. Holden Edna M. Burroughs Minnie L. Brown Nellie Biem Ressa Dansdill Clara A. Long Pearl McDowell Claire Nugent Evalena Rist Mabel Rittgers Maud Webster Linda Westerman Albenia McDonald
1904 July	Edith Anderson Katie Boehmke Emma Buxbaum Jessie Bernard Ellen Clark Grace A. Cole Edith Gritman Gertrude Graham Georgiana Humphrey May Hiams Henrietta Hill Cora M. Jenson Catherine Kyle Florence McConnell Grace M. Ott Katherine Roome Mary L. Shafer Lulu B. Seyller Clara L. Van Pelt Floe Yonkin Lillie M. Britten Alice B. Hawk Anna E. Sullivan Ruth A. Bowen Anna Butterfield Neva E. Curley Jennette Donaldson Minnie Kuencke Lucy H. Lorenz Mae Nellie Morris Ethel B. McCreedy Matte M. Rogers Sadie Mann	1904 Sept.	Lida E. Hewett Ethel F. Grover Minnie M. Netcott Maud Anna Cash Emma Crisman Belle McConnell Kate G. McGuire Charlotte E. Sweney Nellie R. Swingle Mary L. Talbott Amelia Thompson Esther L. Adolphson Sadie Hazen-Gardiner Margaret Condon Lulu B. Ramsey Florence Nettie Rice Bessie G. Ward
1904 Aug.	Elizabeth Graves Katherine White Jessie M. Box Hulda Cremer Blanche Conn Bertha Conn Katherine Donlon Roma E. Fritsinger Emma L. Freyermuth Avis C. Grawe Cora L. Gullickson Alice K. Haynes Jennie Jennings Louise Kamanski Jennie Kelley Lydia Keep Erma Maxwell Rachel McCreedy Grace M. McKeen		

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
1904 Sept. 1	Carrie M. Evans Ida H. Hoon Johana A. Linehan Anita McCune Mary Uhley Etta B. Wallack Emma M. Cash Mary A. Martin Hattie L. Wilson Ruth Van Husen Emma B. Hoon	1905 July 1	L. Josephine Miller Mae E. Patterson Nina Rice Mabel Rider Vera G. Titus
1904 Dec. 1	Fannie A. Foster Olive Gruver Minnie Markham Tillie S. Berger Maud Burris	1905 Aug. 1	Ina E. Groat Elizabeth Pomeroy Mabel Starr Cora A. Chamberlain Mary E. Edelen Jane Howe
1905 Jan. 2	Emma F. Booth Margaret Kelly Effie Ramsey Dorthea Zerwekh Clarice J. Baird Celia Potts Julia Jacobs	1905 Aug. 15	Julia C. Anderson Jennie M. Alton Bessie Benham Vera M. Bradley Helen Blackstone Belle Brown Nellie Burdinner Effie Cornell Claire S. Cook Margaret Cowden Dot Dillon Emma Davidson Martha M. Ensign Esther S. Faner Ester Fitzsimmons Estella Grayson Ethel L. Goodwin Della Granger Edith Gillon Myra L. Gault Lillian E. Hanson Ethel B. Lawrence Myrta I. Lyon Jennie L. Middleton Mary McDonough Nora McCullough Nellie M. Pollock Jeannette Ritchie Effie M. Williamson Katherine Stichter Pansy A. Stuart Grace E. Storm Martha Sweny Helen L. Snowden Jessie C. Smith Nellie Tompkins Lenore G. Titus Ethel E. Wyant Grace Pearson Estella Foster Winafred Jennings Clara Wagner Elnora Hart
1905 July 1	Grace Brakel Grace L. Bates Emma C. Curtis Ina M. Clump Eunice M. Calkins Alma B. Culp Elizabeth Carl Edna Detweiler Maud M. Davis Susie E. Fobes Nannie Gonzales Ruth McGregor Haines Nellie I. Harden Nellie Haskell Helen L. Lewis Gertrude McKone Grace Rogers Clara Richlefs Ida Shaw Addella I. Taylor Exene F. Taft Louise A. Watson Margaret Young Neva Bateman Alice Kinsley Anna Schneider Minnetta Smith Mae Williams Ala Brenton Blythe McCormick		

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
1905 Aug. 15	Mary McLoury Carrie Sperling Anna L. Rathbun Helena Feeny Josephine Knox Florence Knox Margaret Luther Lydia Schulz Stella Peterson Bessie A. Stickney Kittie Townsend Avis Williams Lucy H. Meacham Frances A. Burns Grace L. Hoyt Margaret C. King Lillian Lee Barber Minnie Hanson Effie Stevens Weltha Speake May A. Scott Edyth Overmyer Madge M. Noble Mary L. Loveland Eva Jane Kephart Harriet Ingman Ella Z. Huffman Minnie K. Hindman Carrie M. Hawver Sara L. Hart Anna Grace Martha Garrison Alice R. Davies Adeline Currier Orpha E. Crook Nannie E. Crawford Eleanor A. Canty Sadie Batten	1905 Sept. 1	Edith G. Clark Harriet Clark Ruth Clark Mattie C. Collins Margaret Condon Edith Cooper Florence Drake Ethel Gibbs Edith Glasson Gladys V. Hall Bertha Hinds Abbie L. Hunter Vera B. Jeffries Ellice Langfitt Kate Lisor Lulu MacWilliams Elizabeth Prescott Sadie Pyle Bernadine Rehker Daisy Rice Della Rust Nellie J. Sillick Jessie Snook Edna Squires Bertha Heller Laura L. Lynch Winifred MacFarland Edna Harrington Adah M. Jandt Maud I. Sanford Ruth Lawrence Laura Shurtz Irene Taylor Mary E. Pendray Hazel E. Phillips Lizzie Washburn Mary I. Robinson Christie A. Todd Emma Kalb Olive G. Reeve Harriet Carpenter Nellie C. Thompson Ethel E. Smith Helen Johnston Lulu B. McCorkle
1905 Sept. 1	Vida Griffith Lillian Kosier Ila Bertram Blanche Bauserman Anna Brown		

SPECIAL STATE CERTIFICATES

1904 July 1	Maud L. Popp drawing	1905 Aug. 15	Estelle B. Renne music
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STATE CERTIFICATES—CONTINUED.

TWO-YEAR STATE CERTIFICATES.

Date	To Whom Issued	Date	To Whom Issued
Aug. 15	D. F. Shepherd Grace Shore Roy Snodgrass Grace Farewell Ralph Roberts Viola E. Smalley Isabelle Wilder Edwin K. Mapes Anastion Paul Francis Schwendemann Florence Fenner Minnie Harmsen Leah Riker E. R. Hutchinson	Aug. 15	Nell Dally Alice Divelbess Ethel Hill Anna Longman Elizabeth McDonald Ida Pearce Jaqueline Platt
		Sept. 1	Ray Snodgrass Carrie S. Taylor
		Sept. 15	Martin Mikish Marguerite Moore J. R. Thorgrimson

SPECIMEN LISTS OF QUESTIONS.

STATE DIPLOMA.

GEOMETRY.

1. Prove: The straight line joining the middle points of two sides of a triangle is parallel to the third side, and equal to one-half of it.
 2. Prove: The sum of two opposite sides of a circumscribed quadrilateral is equal to the sum of the other two sides.
 3. Construct a square having given the diagonal. Explain.
 4. Prove: If through a fixed point, without a circle, a secant and tangent are drawn the product of the whole secant and its external segment is equal to the square of the tangent.
 5. Prove: The area of a parallelogram is equal to the product of its base and altitude.
 6. State and prove the Pythagorean theorem.
 7. Inscribe a square in a given circle.
 8. Prove: If the opposite angles of a quadrilateral are supplementary the quadrilateral can be inscribed in a circle.
 9. Prove: If a straight line is perpendicular to one of two parallel planes, it is perpendicular to the other also.
 10. Prove: The volume of a circular cylinder is equal to the product of its base and altitude.
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ZOOLOGY.

1. Name and define the essential parts of an animal cell. What is the name of the group to which all one-celled animals belong?
2. To what sub-kingdom does the hydra belong? Make a sketch of one, naming the principal parts.
3. Name an animal belonging to the Echinodermata. Describe its water-vascular system.
4. Tell what you know about the anatomy of the clam, or fresh water mussel.

5. What are the principal points of difference between a crustacean and an insect?
 6. Name and define the principal parts of the eye of a vertebrate animal.
 7. Name and define the class to which each of the following animals belong: fish, frog, turtle, bird, man.
 8. Define the following sciences: embryology, histology, morphology, paleontology, zoogeography.
 9. Name and locate the bones in the mammalian head.
 10. Describe the origin of the central nervous system of a typical vertebrate.
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GEOLOGY.

1. What is geology? What are the subdivisions of the science?
 2. What are rocks? Name ten of the common rock-forming minerals.
 3. Into what kinds and classes are rocks divided? What kinds are most common in Iowa?
 4. What is coal? History of a coal seam? To what geological age does the coal of Iowa belong?
 5. What useful minerals, besides coal, are found in Iowa? Where? In what geological formations?
 6. Construct table showing, in order of age, the successive geological formations as these are recognized in North America.
 7. What geological work is accomplished by rains? By rivers?
 8. Geological work of glaciers? Of icebergs? Of ice in general?
 9. Geological work of the atmosphere? What gases are most active in effecting geological changes?
 10. What geological work is accomplished by plants and animals? Describe especially the work of marine animals.
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ASTRONOMY.

1. Explain what is meant by a sidereal day, a solar day. Which is the longer?
2. What is the form of the orbits of the planets? By whom was the law of orbits discovered?

3. Explain the fact that the same side of the moon is always visible to the earth. Have we any proof of the existence or non-existence of an atmosphere upon the moon?

4. Give the distance and dimensions of the sun. Describe a sun spot. Give a probable explanation of the source of the sun's continued heat. What is meant by the solar parallax?

5. Explain the cause of and the difference between a total and an annular eclipse.

6. What two great circles determine the position of the equinoxes? How would you explain to a student how to locate the vernal equinox?

7. Describe a comet? Does the same comet ever reappear after receding from the sun?

8. What are the asteroids? Give an explanation of meteorites.

9. Give a brief description of the refracting telescope.

10. Outline briefly the nebular hypothesis.

RHETORIC.

1. Write twenty lines showing the province of rhetoric and the benefits to be derived from its study.

2. Discuss the several steps to be taken in producing an essay in their proper order emphasizing their relative importance.

3. Name three marked varieties of style and show how the subject treated should influence the style.

4. Name three of the most important qualities of style and show their relative importance in different kinds of discourse.

5. In ten lines discuss the origin and utility of figures of speech.

6. What is the province of imagination in literature? In science?

7. What is poetry? Its purpose? Its form? Its style?

8. Write fifteen lines criticising rhetorically the twenty-third psalm, beginning, "The Lord is my shepherd."

9. Which is more poetical, the twenty-third psalm, or the lines, "Thirty days hath September, April, June and November," etc., and why?

10. What is fiction? A novel? A romance? An epic poem? Name a good example of each in English or American literature.

STATE CERTIFICATE.

READING.

1. (a) Name some of the common defects in articulation and their remedies. (b) Suggest voice and tone training for oral reading.
 2. How may more satisfactory results in oral reading be secured?
 3. Discuss the value of Irving's sketches for supplementary reading.
 4. Name five books you would recommend to an eighth grade boy for reading.
 5. Discuss the value of biography.
 6. Who wrote the following: Sir Roger de Coverly Papers, Macbeth, Bleak House, Ivanhoe, The Raven, Kenilworth, Mill on the Floss, The Ancient Mariner, The Faerie Queen, Vanity Fair.
 7. Relate an episode from a standard novel.
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ARITHMETIC.

1. Find the cost of carpeting a room 16 feet long and 14 feet wide with carpet $\frac{3}{4}$ yard wide, costing \$1.50 a yard, if the strips run lengthwise and $\frac{1}{8}$ yard is allowed on each strip for waste?
2. My tax bill is \$162.80 which includes a poll tax of \$2. The rate of taxation is \$13.40 on \$1,000; for how much am I assessed?
3. The longitude of Sandy Hook is 74 degrees west, that of Queenstown, 8 degrees, 7 min., 30 sec., west. A steamer makes the run between these points in 5 days, 20 hours. If she passed Sandy Hook at 5 p. m. June 15, when did she arrive off Queenstown?
4. (a) A corporation sends its agent \$4,590 including commission at 2 per cent, with which to buy sugar. If 75 tons are obtained, what is the cost per pound? (b) What part of a rod is 2 feet 9 inches?
5. (a) Two ropes one 42 feet long and the other 50 feet long, are fastened 30 feet above the ground to a pole and stretched to reach two stakes on opposite sides of the pole; how far are the two stakes apart, the surrounding ground being level? (b) Which is the better investment and how much per cent, Chicago and Southern Michigan costing 60 and paying a dividend of 4 per cent, or Connecticut River costing 200 and paying a dividend of 8 per cent?
6. A and B can do a piece of work in 12 days, B and C in 9 days, A and C in 6 days; how long will it take each alone to do it?
7. A dry goods firm sold \$45,000 worth of goods in a year; 2-5 of the receipts were sales at 20 per cent profit, $\frac{1}{2}$ at 25 per cent profit, and the rest at 33 $\frac{1}{3}$ per cent profit. What was the cost of all the goods?

REPORT OF THE GEOGRAPHY.

1. Locate the chief mineral deposits found in the United States.
2. What service does the United States weather bureau render to commerce? To agriculture?
3. What is meant by Standard Time? Why is the system necessary?
- (b) Where and what is the International Date Line? What change in reckoning is made in crossing the line?
4. Name three European countries which have large colonial possessions and a colony of each.
5. What and where is each of the following: Havana, Cairo, Rio Janeiro, Nile, Bering, Ceylon, Odessa, Panama, Yokohama, Manila?
6. In what way can the study of current events be used to develop an interest in Geography?
7. Explain the Iowa land survey.

GRAMMAR.

1. Distinguish clearly between finite and non-finite verbs by their use in sentences of your own composition. Classify sentences as to their form, giving an illustration of each.
2. Point out the logical subject and the whole predicate in each of the following sentences: (a) How close he stands to nature! (b) Bear ye one another's burdens. (c) It is base to steal. (d) There was a great deed done here. (e) Fle! A soldier and afraid.
3. Analyze: In Holland the stork is protected by law because it eats the frogs and worms that would injure the dikes.
4. Define (a) descriptive adjective; (b) dependent element; (c) phrase; (d) idiom; (e) antecedent; (f) inflection; (g) expletive.
5. Use in sentences the plurals of these nouns: (a) plus; (b) mouse; (c) sheep; (d) Miss Clark; (e) son-in-law; (f) glass; (g) trousers.
6. Parse *back* in each of the following sentences: (a) He turned his back upon us. (b) They lived in the back settlements. (c) Come back. (d) Back the wagon out.
7. Write a sentence whose subject is (a) an infinitive (b) a clause.

BOOKKEEPING.

1. Explain how the record of notes is kept. What are bills payable?
2. Explain the two methods of writing the cash book.

3. E. C. Kelly commenced cash business with a capital of \$9,000; May 2, bought for cash a house and lot, \$1800; May 3, bought for cash, 8 tons of coal \$50; May 4, bought for cash 10 bbls. pork @ \$8. May 5, paid cash for mdse. \$286.20. May 6, sold for cash 300 pounds of sugar @ 5c; 4 bbls. pork @ \$9. May 8, bought for cash, mdse. \$640. May 9, paid cash for Chas. Cook's order on me \$75. Sold for cash, 115 bu. potatoes @ 50c; 10 bbls. flour @\$5.80; 40 bbls. Pork @ \$8.50. May 10, sold J. Long 50 lbs. tea @ 20c, 20 lbs. coffee @ 25c, 60 lbs. sugar @ 5c. May 11, paid cash for drayage \$16.75. May 12, paid cash for clerk hire \$40. Write up the cash book and give the cash balance.

4. When should the expense account be credited? Under what conditions would the expense account show a gain?

5. Write an order. What are the liabilities of a firm? When is a firm just solvent and when insolvent?

PHYSIOLOGY.

1. Give the structure and functions of cartilage and connective tissue.

2. Discuss the red and the colorless corpuscles and state the cause for the clotting of blood.

3. Discuss the ileo coecal valve, the peritoneum and mesentery and pleura.

4. Discuss the structure of perspiratory glands; also the function and regulation of perspiration.

5. State the effects of alcohol and tobacco on the heart and on the stomach.

6. Discuss reflex action as to character, functions and centers.

7. Discuss short sight, long sight and astigmatism as to causes and remedies.

8. Discuss consumption as to the character of the disease, preventives and treatment.

U. S. HISTORY.

1. Discovery of Mississippi River and early explorations of Mississippi Valley.

2. Articles of Confederation, adoption, character, defects, state of country under them.

3. Mexican War, causes, leaders, two important battles, results.

4. How were the funds obtained by national government to meet expenses of War of Secession?

5. Account of battle of Gettysburg.

6. Sherman's march to the sea.

7. What were the points at issue in the presidential election of 1868?

8. Oklahoma.

9. In what way has the following territory been acquired: Iowa, Alaska, Florida, Texas, Illinois?

ALGEBRA.

1. Factor and find H. C. F.

$$x^3 - 8x^2 + 7x - 18, x^2 - 8x + 12$$

2. A number of three digits is in value between 400 and 500, and the sum of its digits is 9. If the digits be reversed, the resulting number will be $\frac{36}{47}$ of the original number. What is the number?

3. Divide

$$(a.) 6x^{\frac{1}{2}} + 9x^{\frac{1}{2}} - 2x^{-1} - 13 \text{ by } 3x^{\frac{1}{2}} + 2x^{-\frac{1}{2}} - 5.$$

(b.) Solve

$$\left\{ \begin{array}{l} x - y = 3 \\ \frac{1}{y} + \frac{1}{x} = \frac{1}{3} \end{array} \right.$$

4. Find the value of $(1-ax)(1-bx)$

$$\left\{ 1 - (a+b)x \right\} \text{ when } x =$$

$$\frac{1}{a} + \frac{1}{a} \left\{ \frac{1}{a+b} - \frac{1}{a+b} \right\}$$

5. (a). Find square root of

$$19 + 8\sqrt{3}.$$

(b.) Solve

$$\frac{x+y+3}{x-y-3} = -1\frac{1}{2}$$

$$\frac{x-y-3}{x-y+3} = -2$$

6. Solve

$$\sqrt{x-1} + \sqrt{x-4} = \sqrt{x-1}.$$

7. Separate the number 3696 into two factors such that if the smaller is diminished by 4 and the larger increased by 7 their product will be the same as before.

BOTANY.

1. What is the difference between a spore and a seed? Name two spore-bearing and two seed-bearing plants.

2. Define angiospermous plants. Consider especially the structure of the flower and stem. Give example.

3. Define pollination. What are the three principal agencies concerned in it? State the general character of the flowers fertilized by the aid of each of these three agencies.

4. What are the functions of the calyx and corolla? Are both these parts present in all flowers?

5. Define assimilation and respiration in plants. Under what conditions may each take place? What is the result?

6. Why are the anemone, butter cup, columbine, and hepatica classed together. The apple and the cherry? The oak and the hazel?

7. In what way does topography affect the distribution of plants? Illustrate by examples.

PHYSICS.

1. An engine raises uniformly 20 lbs. water 300 ft. every minute. What is its horse power? What is the momentum of the water? Its kinetic energy?

2. Describe a barometer and its action.

3. Define the latent heat of fusion. What seemed to justify the term latent heat?

4. What is a beat in music? How many beats per sec. will be heard when two tuning forks make 250 and 256 vibrations each per sec.?

5. Show by diagram the position of the image of an object (an arrow) which is placed in front of a plane mirror.

6. Give the law of magnetic attraction between opposite and like poles. Give the law of electrostatic attraction between like and unlike electric charges.

7. State how an electric current is used to produce a magnet.

REPORT OF THE DRAWING—REGULAR.

1. Draw a group of objects which will show your knowledge of perspective.
 2. What relation does drawing sustain to other studies?
 3. What does a child gain from the study of pictures? How do you conduct a picture study lesson?
 4. Why should drawing be taught in public schools?
 5. Give a list of type forms which should be used in drawing classes.
 6. Why is mass drawing used? Draw a group of objects in mass.
 7. Illustrate a quotation.
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CIVIL GOVERNMENT.

1. When did permanent immigration into Iowa begin? What are some of the oldest towns in the state? When did Iowa become a territory? A state? Name some of the early governors.
 2. Describe the various school corporations. By whom are they organized? When are school officers elected? Town and city officers? State officers?
 3. (a) What is the biennial election amendment? (b) When was it passed? (c) How may the constitution be amended?
 4. By whom and for how long are the following officers elected or appointed; (a) Secretary of State; (b) State Senator; (c) County Supervisors; (d) Sheriff; (e) Mayor; (f) Secretary of School Board; (g) President of the State Normal School; (h) President of State University; (i) Board of Control; (j) Railway Commissioners.
 5. Give arguments for and against choosing United States Senators by the people.
 6. What is a "pocket veto?"
 7. Name five powers denied to the several states by the constitution.
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ECONOMICS.

1. Can a knowledge of Economics aid in any way in the solution of civic and industrial problems? How?
2. What is a marginal utility? What is the relation between the marginal utility and the supply of a commodity?

3. What is debased money? Flat money? Inflated currency? Give Gresham's Law. How may credit increase the volume of business without increasing the volume of money? Illustrate.

4. Define capital. Name and illustrate two kinds of capital. What represents a farmer's capital? Are a workman's clothing and food capital? Why?

5. Has the present extensive system of advertising any economic importance? Discuss fully.

6. What is the distinction between salaries and wages? Do practicing physicians and attorneys receive salaries or wages for their services?

7. Why would not a protective tariff be as beneficial to Holland as to the United States? Why is it necessary to revise tariff schedules frequently?

MUSIC—REGULAR.

1. Why should music be taught in the public schools? (Discuss.)

2. How much time should be given daily to music work in the grades? Where a special music teacher is employed should she be entirely responsible for the government in the room during the music period?

3. In introducing music into the upper grades and the high school what should be emphasized at first?

4. What should a child do in music during his first year in school?

5. Write the major scale in D, B flat and A flat.

6. Write the chromatic scale in the key of E.

7. Write the harmonic minor scale in C minor and B minor.

SCHOOL MANAGEMENT.

1. Name exercises which may be profitably used in memory training.

2. "The training of the power of attention is one of the most important points in education." Justify the above statement.

3. What is the place of compulsion in school discipline?

4. What special points relating to the physical well-being of the pupils should receive the teacher's careful attention?

5. Define (a) instruction, (b) organization, (c) discipline. Show their mutual relation.

6. Show how correct methods of study on the part of the pupil lead to correct habits in later life.

7. After examination papers have been marked should they be turned to the pupils? Give reason for your answer.

PSYCHOLOGY.

1. Define (a) conception, (b) judgment, (c) reasoning.

2. Define (a) attention, (b) memory. State relation between the

3. "Observation before reasoning." Define the terms and show the necessity of proceeding as indicated above.

4. (a) What is the source of material used in imagination? (b) Show what part imagination plays in sympathy.

5. Define (a) voluntary attention, (b) involuntary attention.

6. Show how a knowledge of psychology is valuable (a) in arranging a course of study; (b) in devising methods for teaching any particular subject.

7. State and illustrate the relation of memory to creative (or constructive) imagination.

SCHOOL LAW.

1. Give five duties of the State Superintendent. What is his title of office? His salary?

2. How is a new School Board organized? When? Name four duties of the President of the Board.

3. For what reasons may a pupil be expelled by the Board? Name the three kinds of school funds.

4. State five important powers of School Boards.

5. What legal steps are necessary to procure free text-books in school corporation?

6. In case a teacher is discharged by the Board, to whom may an appeal be taken? Give the process.

7. To whom must the teacher make reports? What must these reports show?

EDUCATIONAL THEORIES.

1. What is the purpose of manual training in our schools?
2. Name two books that have had a marked effect upon education and give main features of one of them.
3. What are the principal points of difference between ancient and modern education?
4. Describe the educational work of Froebel and his influence on subsequent education.
5. Give educational doctrine advanced by Herbart.
6. Tell what Horace Mann did for the schools of the United States.
7. Give an account of the beginning and development of sense training in primary teaching.

PRIMARY STATE CERTIFICATE.

CHILD PSYCHOLOGY.

1. Name the mental powers in the order of their development. Which of these may be said to be more prominent in childhood from four to ten years of age?
2. Name three marked characteristics of childhood aside from the manifestation of the mental powers named in No. 1.
3. Can you distinguish between "moral faults" and "intellectual faults" in children?
4. Describe the emotion of fear as it exists in children and give some directions as to its treatment.
5. Discuss the fascination which color, tone, form and rhythm have for children.
6. Do children reason? Explain.
7. Is a 6-year-old child a selfish or a social being? Explain.

REPORT OF THE SCHOOL MANAGEMENT.

1. Why does a primary teacher need special professional training for her work?
2. Give five objects of the recitation.
3. How much individual help is it wise for the teacher to give pupils?
4. Give five suggestions for the proper heating and ventilating the schoolroom.
5. What are some of the bad consequences of disorder in school? Name four elements of governing power in the teacher.
6. Name five forms of hand work suitable for primary grades. What is the value of such work?
7. Name some of the most prominent interests of children and show how the teacher may utilize these interests in her class work.

HISTORY OF EDUCATION.

1. What principles characterize modern education? Give the time when and by whom advocated.
2. Who wrote "Emile?" What doctrines in it were new for education?
3. What use did Froebel make of play in teaching? Why?
4. Give main points in the present school system of France.
5. Write a short sketch of the life and work of Horace Mann.
6. What benefit do you expect to derive from a study of History of Education?
7. What is our National Bureau of Education? Who is its head? How does it aid in educational work?

SCHOOL LAW.

1. What are the three kinds of school corporations? How many members constitute the Board in each?
2. What was the origin of the "permanent school fund" in Iowa? On what basis is the interest on this fund apportioned?
3. On what school questions may women vote? In whom does the law vest the power to fix teachers' wages?

4. What two important restrictions on the power of the teacher to dismiss a pupil from school?
 5. Give four powers of the School Board with reference to school-houses and school property.
 6. Give the duty of the teacher in regard to keeping a daily register and making reports.
 7. Name the five provisions of the school law that you think it most important for a primary teacher to know.
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HISTORY OF EDUCATION.

1. Speak of the educational work of (1) Luther, (2) Francke, (3) Locke.
 2. Discuss historically the origin and growth of the idea of the public school supported by the state for all children.
 3. In what way has the United States aided, and how is it now aiding, the several states in their educational work?
 4. Write of the work of Pestalozzi at Yverdon.
 5. To what extent have we compulsory education in Germany, France, England, United States, Iowa? What reasons are given for it?
 6. In what ways did Horace Mann benefit the schools of the United States?
 7. What is Herbert Spencer's estimate of the value of music and drawing in the course? What reason does he give for this estimate?
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DRAWING—PRIMARY.

1. To what powers of the mind does drawing appeal?
2. Draw a group of two or more objects resembling a cube and cylinder and state principles to be observed in good grouping.
3. How would you give a lesson in clay from animal subjects? What should be the aim of such a lesson?
4. What kind of subjects should be given in primary grades in picture study? How would you relate these to the school year?
5. Mention some story which may be illustrated by the children. Make a drawing which you would use in illustrating this.
6. Make a constructive (mechanical) drawing of a square prism 2 by 2 by 4 showing three views.
7. Make a landscape drawing in two or three tones.

REPORT OF THE

PLANT STUDY.

1. Name a plant of common occurrence and of general interest in blossom in April, one in June, one in September.
2. In what way are some plants dependent upon insects? Name one or more such plants and the insects upon which they depend.
3. What are cotyledons? Ovules? Sepals? Root stalks? Petioles?
4. Name some plants that have bulbs or tubers. That have seeds.
5. Give a list of ten trees which you know and give that for which each is especially valuable to man.
6. Briefly state the method of conducting plant study in primary grades which you would employ.
7. Why are some plants rarely infested by insects?

MUSIC—PRIMARY.

1. Write all the notes and rests in common use. Illustrate three different kinds of time and locate the accent in each.
2. Write the major scale in D flat and B.
3. Write the minor scale in F minor and C minor.
4. Write the chromatic scale in the key of E.
5. Give three common faults in teaching primary singing and tell how they may be corrected.
6. Name the characteristics of a good rote song and tell how to teach it to a first primary grade.
7. How would you teach the scale to a primary class? Give a device for class work in ear-training.

PRIMARY METHODS.

1. Write a short plan on the development of one-half, involving oral and written expression.
2. State the characteristics of good primary arithmetic.
3. What improvements should be made in methods of teaching reading.
4. How would you make reading appeal to the child's emotional nature?
5. How should incorrect habits of speech be changed?
6. Tell how you would make nature study the basis for composition work.
7. How can we make number work less formal?

Two year state certificate questions for first county certificate are used.

IOWA TEACHERS' READING CIRCLE.

The year 1905-06 is the sixteenth year of the existence of the Iowa Teachers' Reading Circle. Its membership comprises teachers in almost every county in the state, and one or more of the books on the list is being studied by all grades of teachers in the city schools to the beginning teacher in the country.

The function of the Reading Circle is well shown by this range of membership, hence it is seen that it is performing a work that is not and cannot be performed by any other existing agency.

PURPOSE.

The purpose of the Teachers' Reading Circle is to provide for the teachers of the state a uniform course of reading and study for home work along professional and general culture lines. Accordingly, there is adopted each year, by the State Reading Circle Board, a set of two books for the year's readings. While the membership is purely voluntary, it should include all the teachers of the state. The course will adapt itself to teachers of all grades in country or in city schools. Neither teachers nor school officers can afford to ignore the recognition which this organization has received, or its claims upon the great body of Iowa's educational workers.

PLAN OF WORK.

This contemplates much more than a rapid and casual reading of the books adopted. It means careful re-reading and study, distributed as evenly as possible throughout the year. While the work is continuous, the reading for any four years, if satisfactorily performed, will entitle the member to a diploma. This diploma should have value as indicating four years of studious advancement, which cannot fail to add to the teacher's ability and efficiency.

REPORT OF THE

MEMBERSHIP.

The Reading Circle membership is made up of teachers in every grade of public school work and while the membership is purely voluntary, a number of teachers in almost every county in the state have enrolled, and are pursuing the work.

MANAGEMENT.

The Reading Circle is under the control of a board of seven members chosen by the county superintendent's section of the Iowa State Teachers' Association, except the state superintendent who is ex-officio a member and also its president.

This board meets annually and selects a course of reading for the teachers of the state. The course aims to include always one or more books on professional lines and one or more on general culture.

The books adopted for 1905-06 are:

For professional study, Putnam's Psychology, American Book Company, 521-531 Wabash Ave., Chicago, \$1.00.

Painter's History of Education, D. Appleton & Co., Wabash Ave., Chicago, Ill., \$1.00, and

Dewey's Lessons on Morals, Hindo, Noble & Eldredge, New York City, 40 cents.

BOARD OF MANAGERS FOR 1905-6

Hon. John F. Riggs, President, Des Moines, Iowa.

Supt. Jos. E. Vance, Marion Iowa.

Supt. John P. McKinley, Treasurer, Sibley, Ia.

Supt. A. M. Deyoe, Garner, Iowa.

Supt. Lora L. Richardson, Mt. Ayr, Iowa.

Supt. Mary E. Hostetler, Marshalltown.

E. J. Hook, Secretary, Decorah, Iowa.

BOARD OF EDUCATIONAL EXAMINERS.

Wm F. Riggs, ex officio, President	Des Moines
George E. MacLean, ex officio	Iowa City
Mer H. Seerley, ex officio	Cedar Falls
Ben J. McManus	Council Bluffs
Marion M. Roberts	Ames
Wm H. Schell, Secretary	Des Moines

STATE DIPLOMAS.

Regular Examination Friday and Saturday following Thanksgiving.)

GENERAL REQUIREMENTS.

1. In every case the applicant must have held an Iowa state certificate and have taught under the supervision of this board at least three years before applying for the state diploma, a life certificate.
2. Every candidate will be required to file the following credentials:
 - a. Documentary evidence from standard reputable educational institutions certifying to the special scholarship and training of the applicant.
 - b. Documentary evidence showing the standing and ability of the applicant as an educator. This evidence should cover recent work.
 - c. He should also refer to at least three persons of good scholarship and professional success, who are engaged in educational work, and who can vouch for his success and character.
 - d. Credentials should be original, of recent date, of specific character and addressed to the state board of educational examiners.

SPECIFIC REQUIREMENTS.

1. In his registration blank, the candidate must certify that he has taught or studied all the branches that are required by law for the state diploma.
2. He must give, in detail, the places where he has done educational work.
3. He must file in his own handwriting, reasonably complete theses on topics assigned from the following subjects: trigonometry, chemistry, political economy, general history, and English literature. In every one of these theses must be fully outlined, and be accompanied by a bibliography of the topics considered.

4. The theses will be marked by such persons as the board may designate on the following points:

- a. Correct use of the English language.
- b. Choice and arrangement of subject-matter.
- c. Thought and expression.
- d. Originality and research.
- e. General appearance of the manuscripts.

III. EDUCATIONAL REQUIREMENTS.

1. State certificate subjects as required by law and evidenced by the state certificate.

2. Formal written examination in geometry, zoology, geology, astronomy and rhetoric. The board of examiners may meet the candidates in an oral examination in any or all of the subjects mentioned.

3. In addition to the above, an oral examination will be given in psychology, history of education and school supervision.

REGULAR STATE CERTIFICATES

For the information of those desiring to become candidates, and to encourage the professional preparation of teachers, the board has classified candidates for state certificates under the following heads and established the following requirements:

CLASSIFICATION OF CANDIDATES.

1. First certificate.
2. Renewal of certificate.
3. Subsequent renewals.

1. REGULATIONS GOVERNING APPLICANTS FOR FIRST CERTIFICATES.

1. CLASSES OF CANDIDATES.

- a. Graduates of higher institutions of learning.
- b. Graduates of state normal schools.
- c. Graduates of good schools where they have pursued a two years' course in didactic subjects.
- d. Other candidates.

a. Graduates of the College of Liberal Arts of the State University who have pursued in addition to the course in psychology, a pedagogical course of at least one year, and graduates of other liberal arts colleges with equivalent courses approved by the board, will be admitted to the examination upon filing certified statements given by the president or registrar of their graduation, and of their record in the pedagogical course.

Note—It is important for all applicants for state diplomas to remember that great value will be attached to the use of the English language in all the papers filed as part of the scholastic examination.

Those graduates of the state university or other colleges having equivalent approved courses of study, who have not had pedagogical work as stated above, will be admitted to the examination upon proof of one year's successful experience in teaching.

b. Candidates who are graduates of the state normal school or of other schools requiring equivalent courses approved by the board, giving one year of special training in a well organized training school, will be admitted to the examination upon filing certified statements given by the president or registrar exhibiting those facts.

c. Candidates who are graduates of good schools, whose courses of study are approved by the board, and who have pursued a two years' course in didactic subjects, consisting of school management, elementary psychology, principles of education and methods of instruction, will be admitted to the examination on making proofs of one year of thirty-six weeks of successful experience. When in addition to the above didactic course, such candidates have also had a year of special training in a well organized training school, they will be admitted to the examination without further qualification.

d. Other candidates will be admitted to the examination on filing official letters addressed to the board by one or more county superintendents and city superintendents, or other professional educators, including statements from the school boards under whom the candidate has taught, certifying to teaching covering at least two years of thirty-six weeks each of successful experience.

II. DOCUMENTARY EXAMINATION.

1. Each candidate proving experience must file the following credentials as the official proofs of being qualified to hold a state certificate:

- a. Official letters addressed to the board, by one or more county superintendents and city superintendents, or other professional educators, certifying to the success of the applicant in government and instruction. The work thus commended must have been done under the person's supervision who certifies to his excellence or he may so certify from his personal knowledge of the candidate's character and success.
- b. Statements from the school boards for whom the candidate has taught, certifying to teaching covering at least two years, of thirty-six weeks each, in which good and successful service was rendered. Credentials should be original, explicit in character, of recent date, addressed to the state board of educational examiners.
- c. County superintendents, city superintendents, professors in normal schools and colleges holding positions in the state of Iowa, will be admitted to the examination on proof of character alone.
- d. To be assured that the candidate is successful in instruction and government, the board reserves the right to investigate until all doubt is removed.

III. PLAN OF THE EXAMINATION.

1. **Preliminary.** The application blank properly filled out, the fee of three dollars, and the credentials required must all be filed with the president of the board. Consideration will then be given to the case and notification sent to the applicant previous to the examination.

2. **Place of Examination.** The candidate receiving this formal notification of admission to the examination, is authorized to present the same together with other correspondence from the board to the examiner in charge of any stated or special examination held by the board.

3. Character of the Examination.

- a. Oral examination in subjects selected by the examiner. This work to cover not more than one half of subjects required.
- b. Written examination to include the work in subjects omitted in the oral examination.
- c. Professional examination in school management, elementary psychology, school law, methods of instruction and the educational theories of Rousseau, Pestalozzi, Froebel, Herbart and Herbert Spencer.

4. Syllabi for school management school law, elementary psychology, methods of instruction and drawing may be found on pages 11 to 13 of this circular.

5. The examination will be both oral and written at the discretion of the examiner in charge, not more than one half being oral. The following schedule may be expected with modification as circumstances may require:

First Half Day.

Oral.
Civil Government.
Economics.

Written.
English Grammar.
Arithmetic.

Second Half Day.

Oral.
Geography.
Music.
Reading.

Written.
Algebra.
Drawing.
Botany.

Third Half Day.

Oral.
U. S. History.
Physiology.

Written.
Physics.
Bookkeeping.

Fourth Half Day.

Professional examination, both oral and written. See "Character of Examination" page 5.

of

6. The examination in penmanship, orthography and English will be determined by the written work.

IV. Fees.. The examination fee is \$3, one-half of which is returned in case of failure.

2.—RENEWAL OF CERTIFICATES.

I. PROOFS REQUIRED.

- a. The candidate must file letters from superintendents or other prominent educators that certify to the present success in instruction and in government, and to the fact that his present physical condition and mental and moral character are still such as to justify the board in granting him this renewal.
- b. He must also show by official letters from school boards for whom he has worked, the fact of his being successful as an instructor and as a disciplinarian under the expiring certificate.

Holders of state licenses to teach, desiring a renewal of the same, should file with the board an application, credentials, and fee of \$3, at least three months before the expiration of their certificate, in order that there may be sufficient time to issue a renewal before the expiration of the certificate. At the discretion of the board candidates who have taught successfully for five years under its supervision may obtain a renewal upon writing a satisfactory thesis upon a subject assigned by the board. In all cases the board reserves the right to require a full and complete examination. The thesis must in all cases be in the handwriting of the applicant, and must show professional study and investigation.

II. Examination Required—Unless otherwise decided, the candidate must appear at the time assigned and take such examination as the board may think necessary, but, where personal knowledge or acquaintance of the board with the applicant may permit, and where the first examination was good an original essay on an educational topic, assigned by the board, may be substituted for personal presence at the examination. This paper must be in the handwriting of the applicant, and must show professional study and investigation.

III. County superintendents, city superintendents, professors in normal schools and colleges holding positions in the State of Iowa, will be required to make proof of character alone.

3. SUBSEQUENT RENEWALS.

Subsequent renewals may be granted upon filing the credentials mentioned in I.

PRIMARY STATE CERTIFICATES.

The Primary Teachers' Certificate is intended for primary teachers as a recognition of professional skill and successful experience. The holder of such a certificate will be authorized to teach in first, second and

2. **Scholastic examination**—This examination embraces those branches required for a two-year county certificate, as follows: orthography, reading, writing, arithmetic, geography, grammar, history of the United States, didactics, physiology and hygiene, including special reference to effects of alcohol, stimulants and narcotics, elementary civics, elementary algebra, elements of physics, elementary economics, and music.

II. **Eligibility.** Only graduates of accepted courses of accredited institutions are eligible to take this examination.

III. **Fees.** The examination fee is \$2, one-half of which will be returned in case of failure.

IV. **Renewal...** See "renewal of certificates" and "subsequent renewals," pages 6 and 7.

SPECIAL STATE CERTIFICATES.

The law authorizing the educational board of examiners to issue special state certificates limits that authority to the following subjects:

Music.

Penmanship.

Drawing.

While the candidate must possess complete and technical knowledge of the special branch for the teaching of which a certificate is desired, some general education and culture will be required, as a certificate cannot be granted on account of proficiency in one subject only.

The holder of a special certificate will be authorized to teach the branch specified in any public school in the state for a period of five years. The fee as fixed by law, is \$3 one-half of which is returned in case of failure. Certificates will be issued to the same person in more than one branch, but the fee of \$3 must be paid for each, as no special certificate will authorize the holder to teach more than one subject.

1. **Documentary Examination**—The following testimonials and credentials are required as evidence of success as a teacher of a particular subject, and of a good moral character as a person:

1. Official statements from school boards; certifying to the service of the applicant as a teacher of the subject in which certificate is asked for a period of two years, of thirty-six weeks each.

2. Candidates who are graduates of good secondary or normal schools, and graduates of higher institutions of learning, may be admitted to examination upon filing certified statements given by the president or registrar of their graduation. It is to be understood, however, in all cases of reduction of time, that candidates have pursued scholastic and pedagogical courses approved by the board.



8. Remittances must be made by draft or money-order and made payable to John F. Riggs, President Board of Examiners and addressed to him at Des Moines, Iowa.

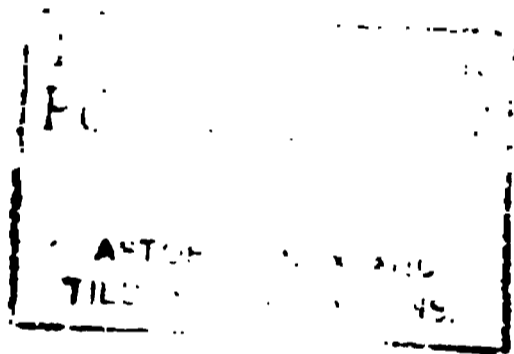
9. The law renders it impossible for the Board of Examiners to indorse, duplicate, or give credit for scholarship to holders of certificates or diplomas of educational institutions or other states.

Note as to Correspondence—In order to facilitate office work, graduates of the state normal school, and the state university, conduct their business correspondence regarding diplomas, and state certificates, with the presidents of their respective institutions.

All other official correspondence for the board must be with the president.

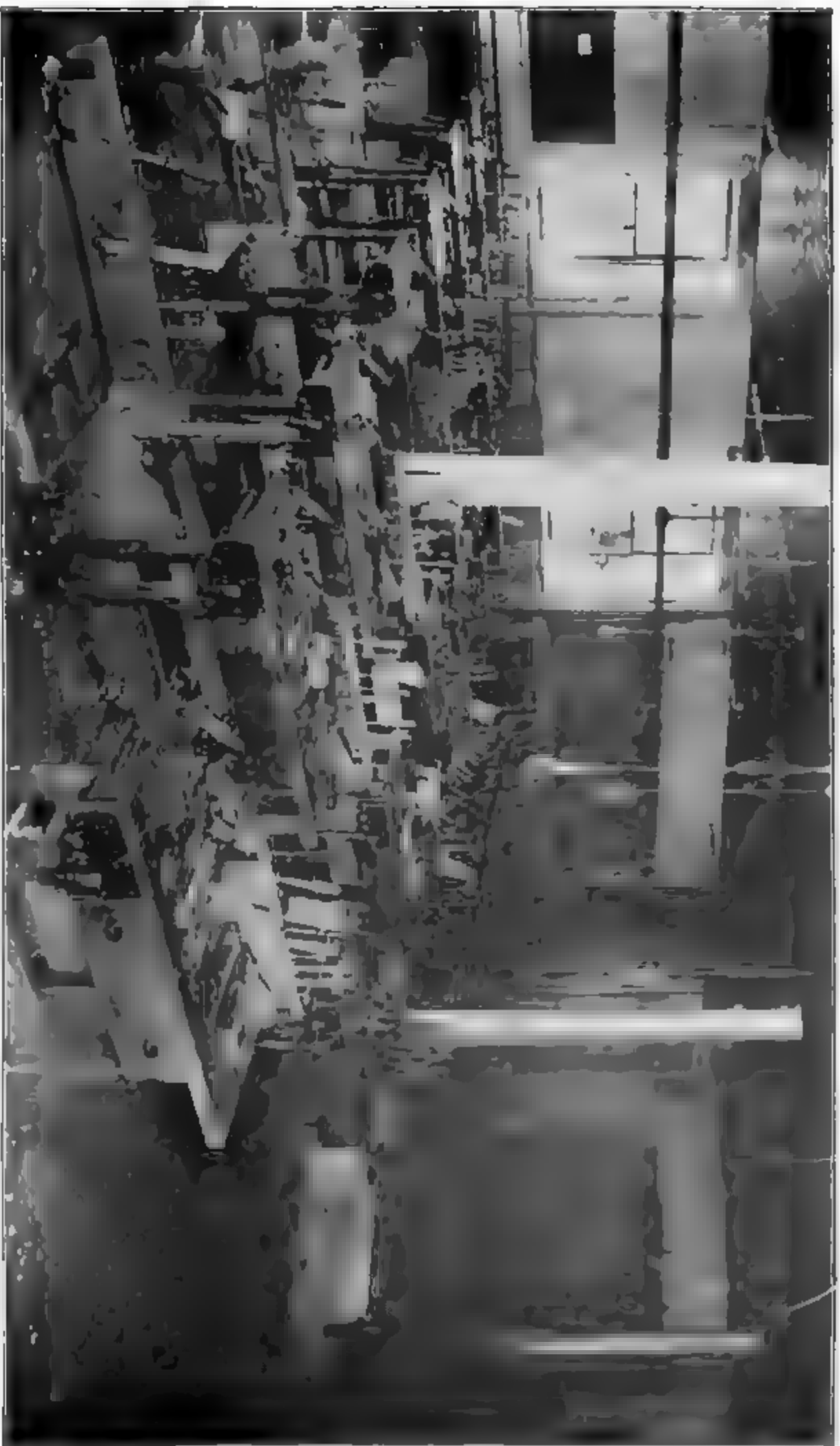
JOHN F. RIGGS,

President Board of Educational Examiners.





High School Building, Mason City. Cost of building about \$70,000.



Manual Training—Iowa State Normal School, Cedar Falls.

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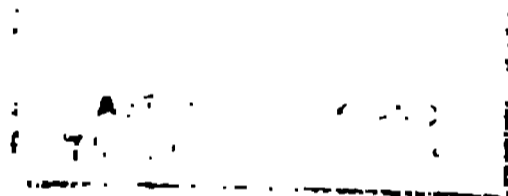




FIGURE 8
Rural School House, District No. 7, Grinnell Township,
Poweshiek County.



FIGURE 9.
District No. 8, Grinnell Township, Poweshiek County.
Last day program and fair.



Hall of Liberal Arts—State University of Iowa, Iowa City.

1935

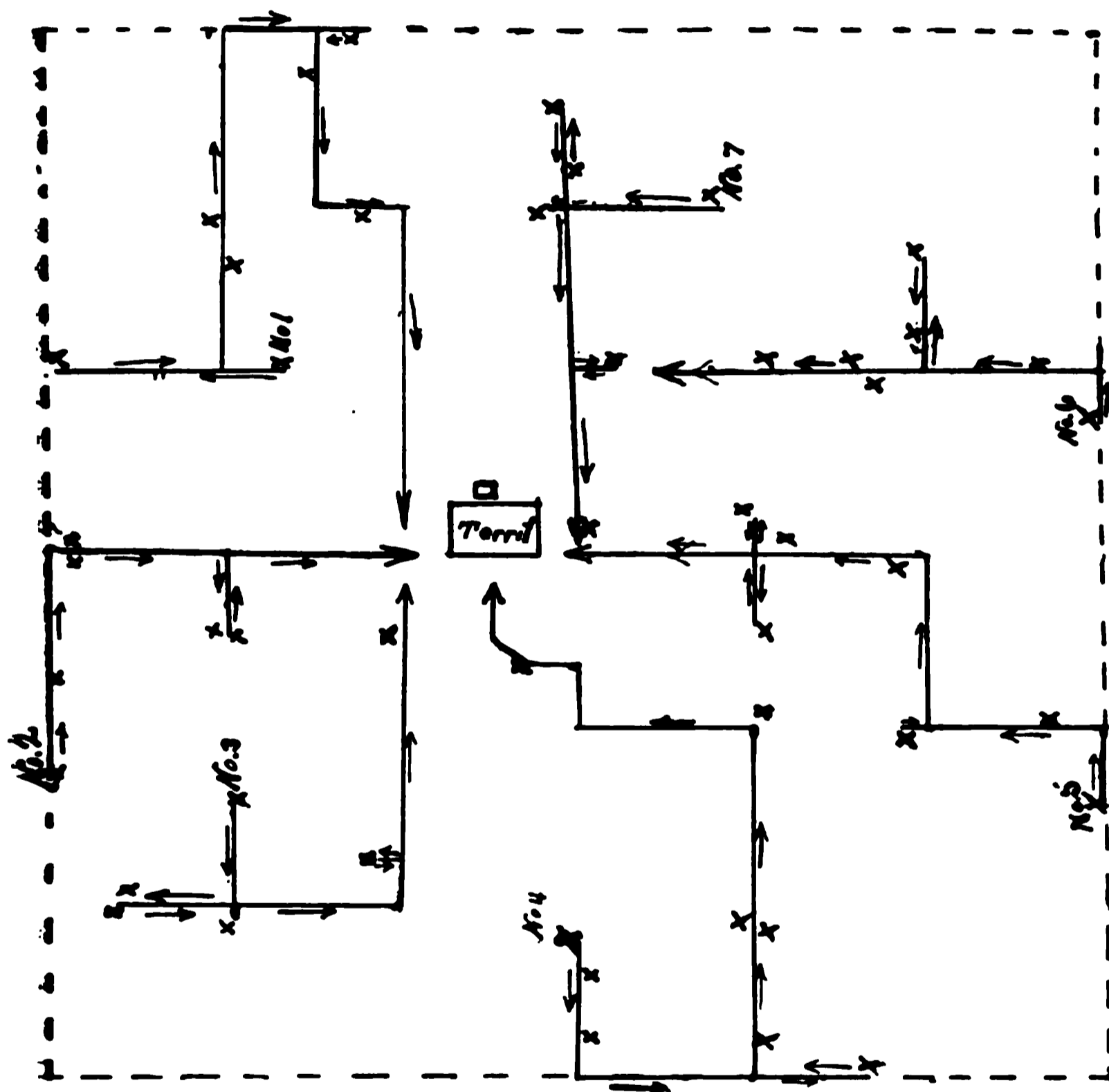


FIGURE 16.

Transportation Routes—Lloyd Township, Dickinson County.

Numbers indicate starting places for hacks.

X indicates homes, and

[] indicates the central school

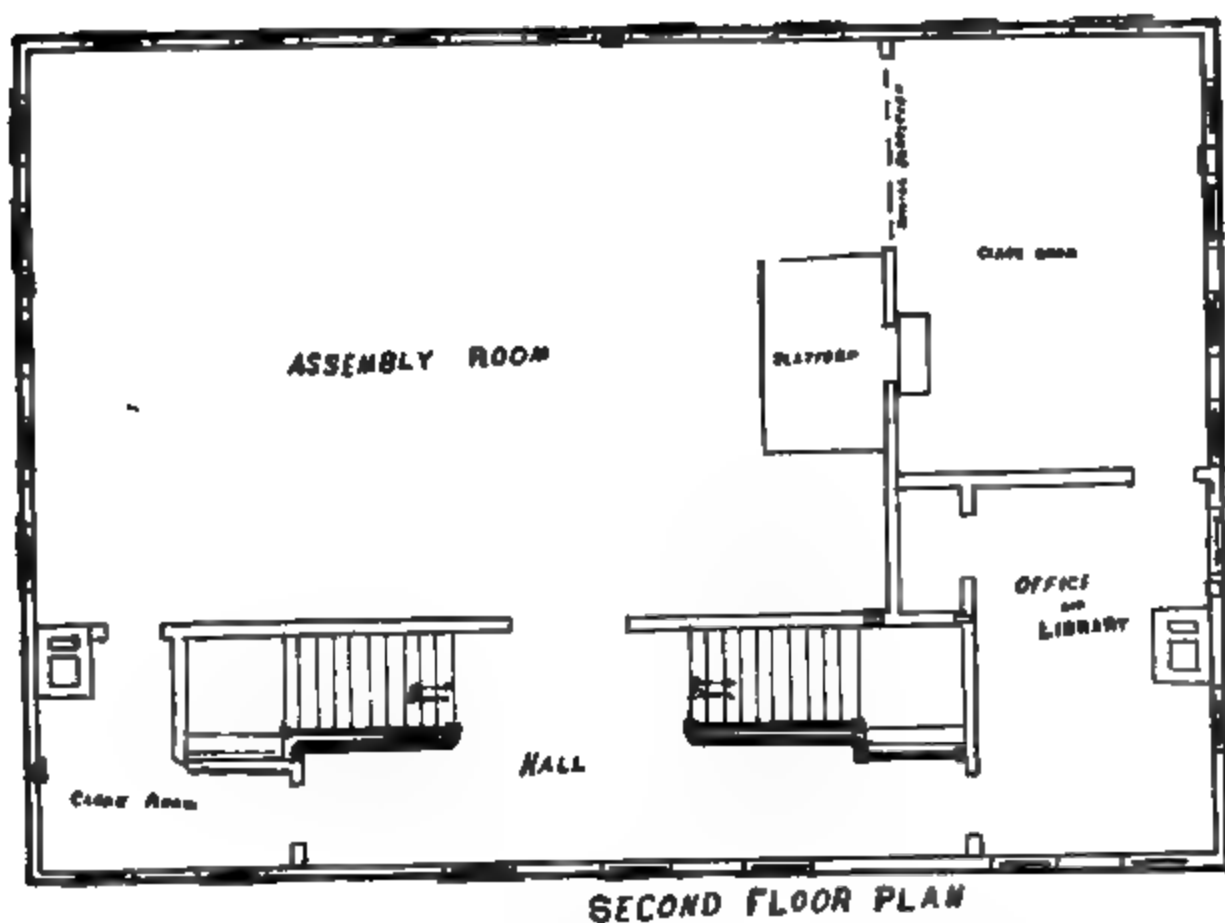


FIGURE 14.
Underwood School Building—Second Floor Plan. For building see figure 1.

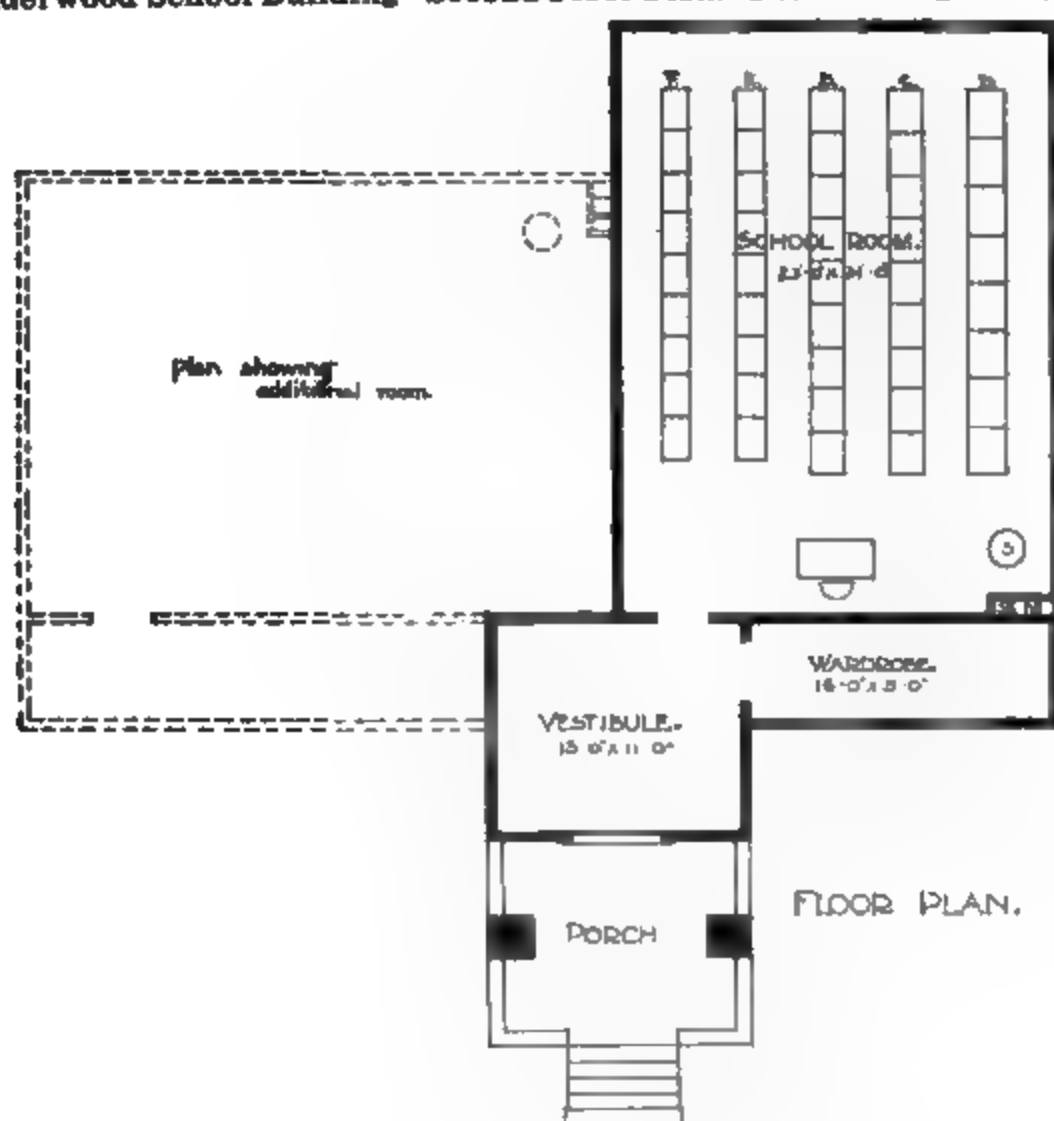


FIGURE 15.
Floor plan of one room school building so constructed that a second room may be added. For building see figure 3





Manual training, Montezuma, Public Schools.



Domestic Science, Iowa State College, Ames.

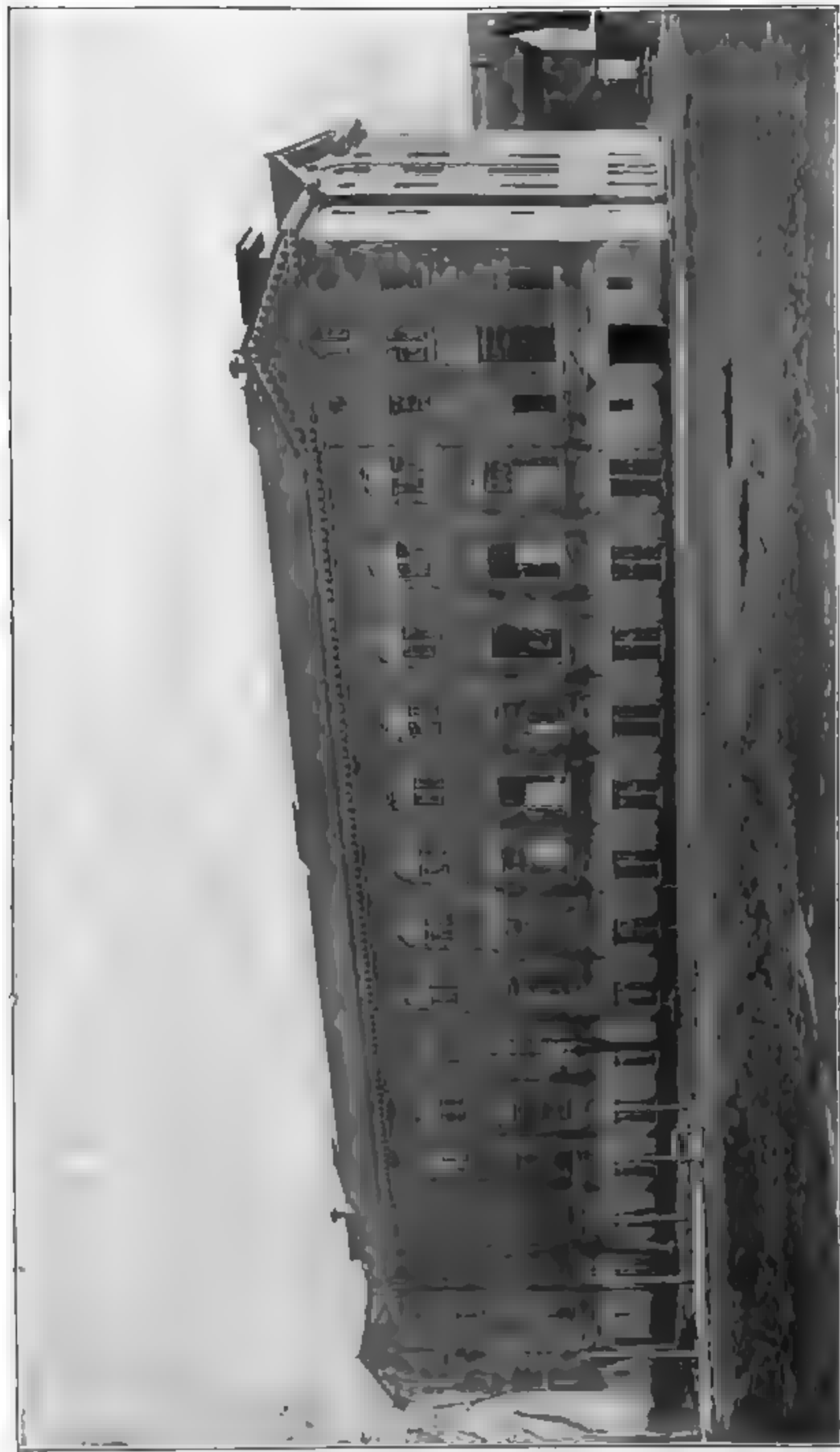


Figure 1.

**Underwood School Building. Built and furnished at a cost of less than \$3,000.
For floor plans see figures 10, 12 and 13.**

2

ESTABLISHED
VILLEN 1875



Gymnasium—Iowa State Normal School, Cedar Falls.



FIGURE 6.
Rural School House, District No. 5, Grinnell Township,
Poweshiek County

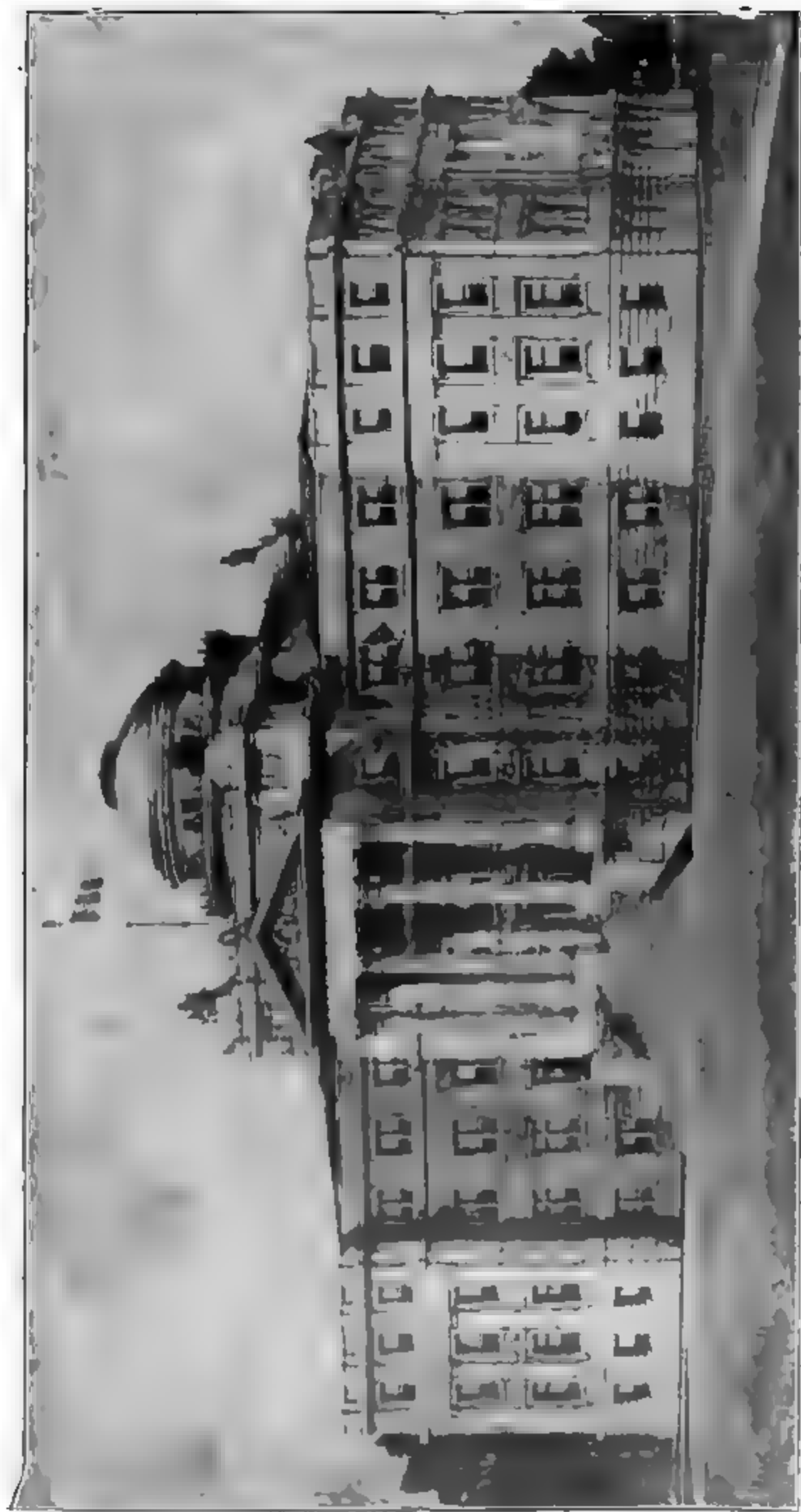


FIGURE 7.
District No. 3, Grinnell Township, Poweshiek County,—Corner
of last day exhibit in the work room.

1913

1914

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New Central Building, Iowa State College, Ames.



FIGURE 6.
Rural School House, District No. 3, Grinnell Township,
Poweshiek County



FIGURE 7.
District No. 3, Grinnell Township, Poweshiek County, - Corner
of last day exhibit in the work room.

:

1

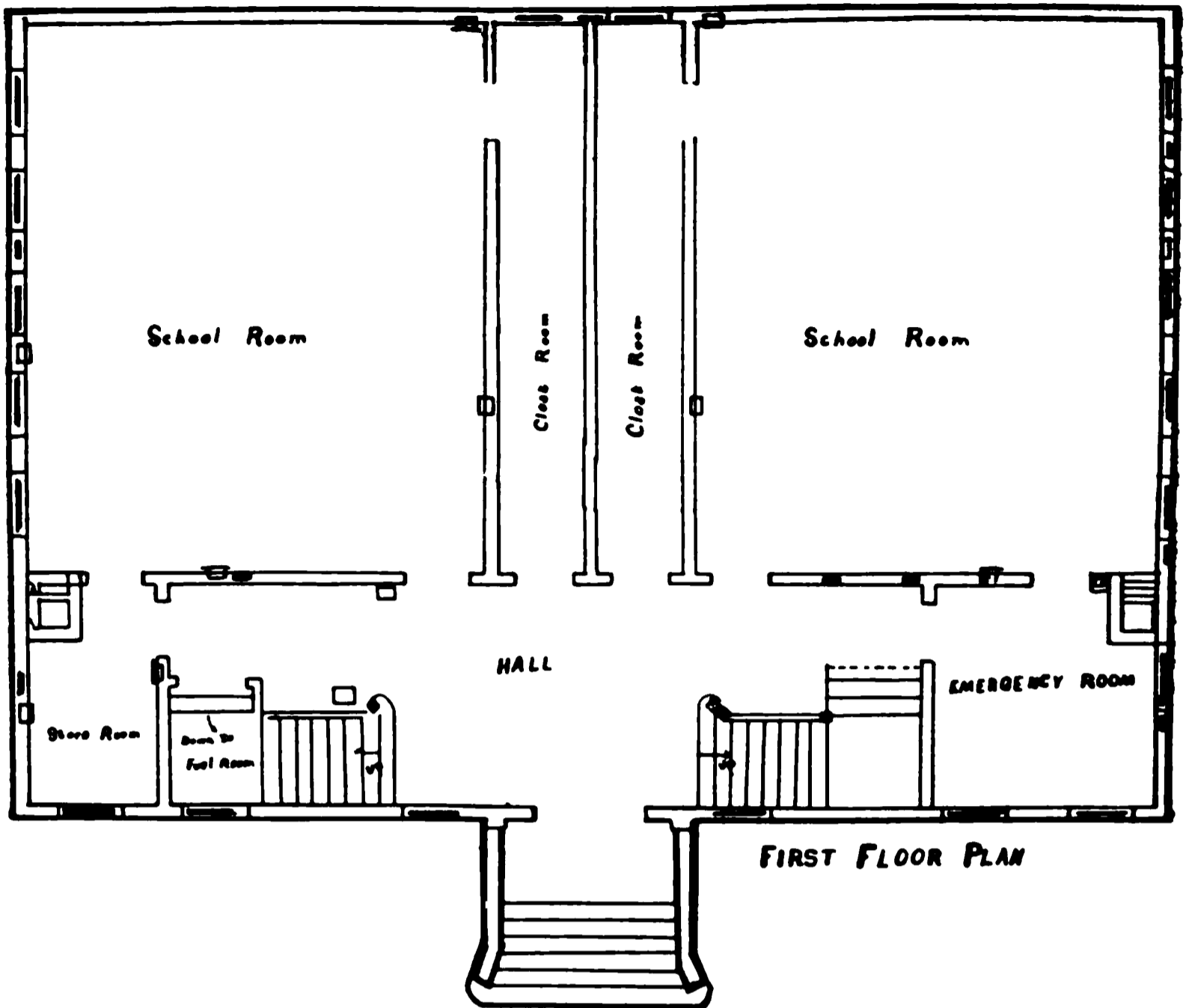


FIGURE 12.
Underwood School Building—First Floor Plan.
For building see figure 1.

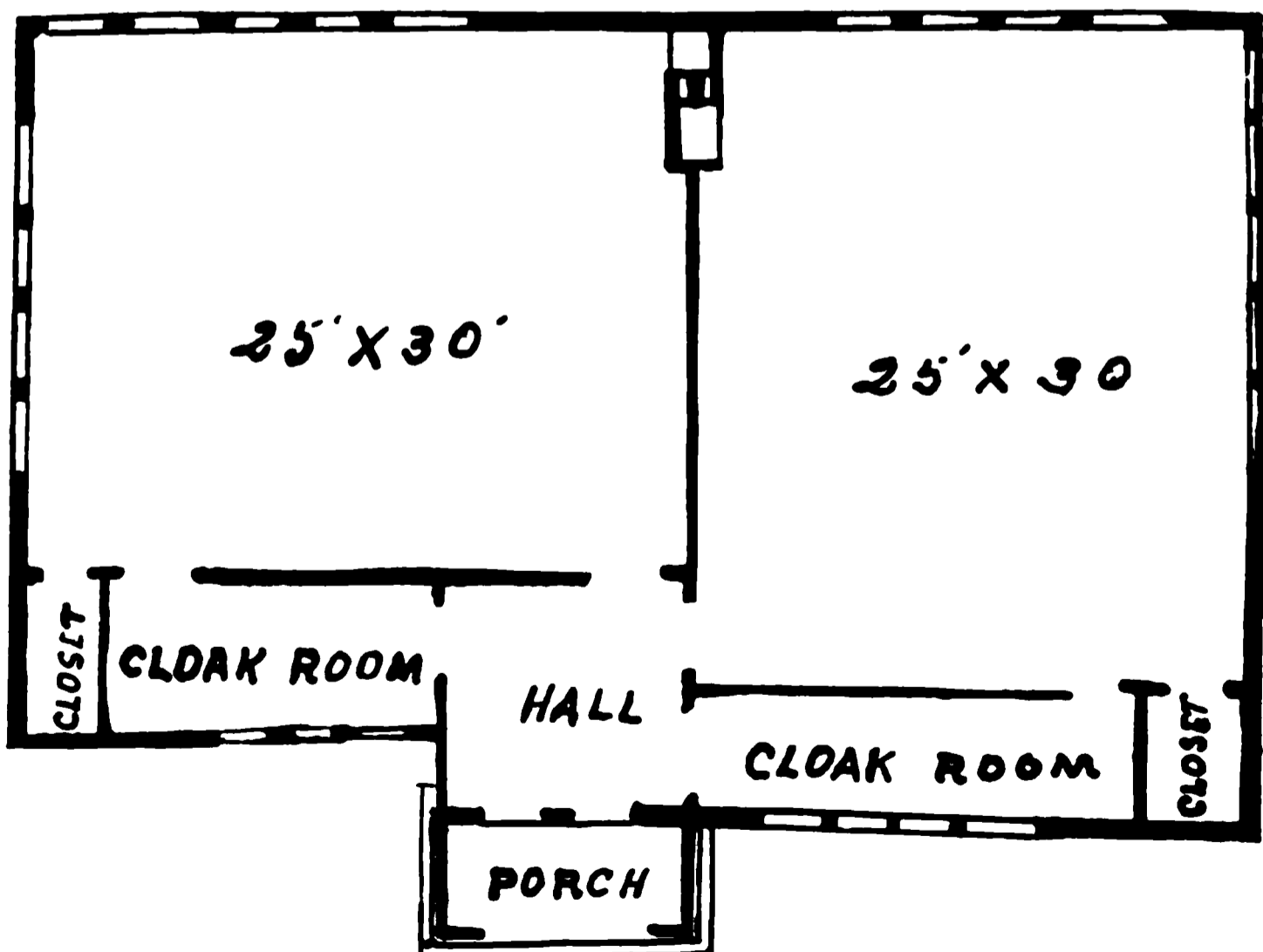


FIGURE 13.
A Two-Room School House—Floor Plan.
For building see figure 3.

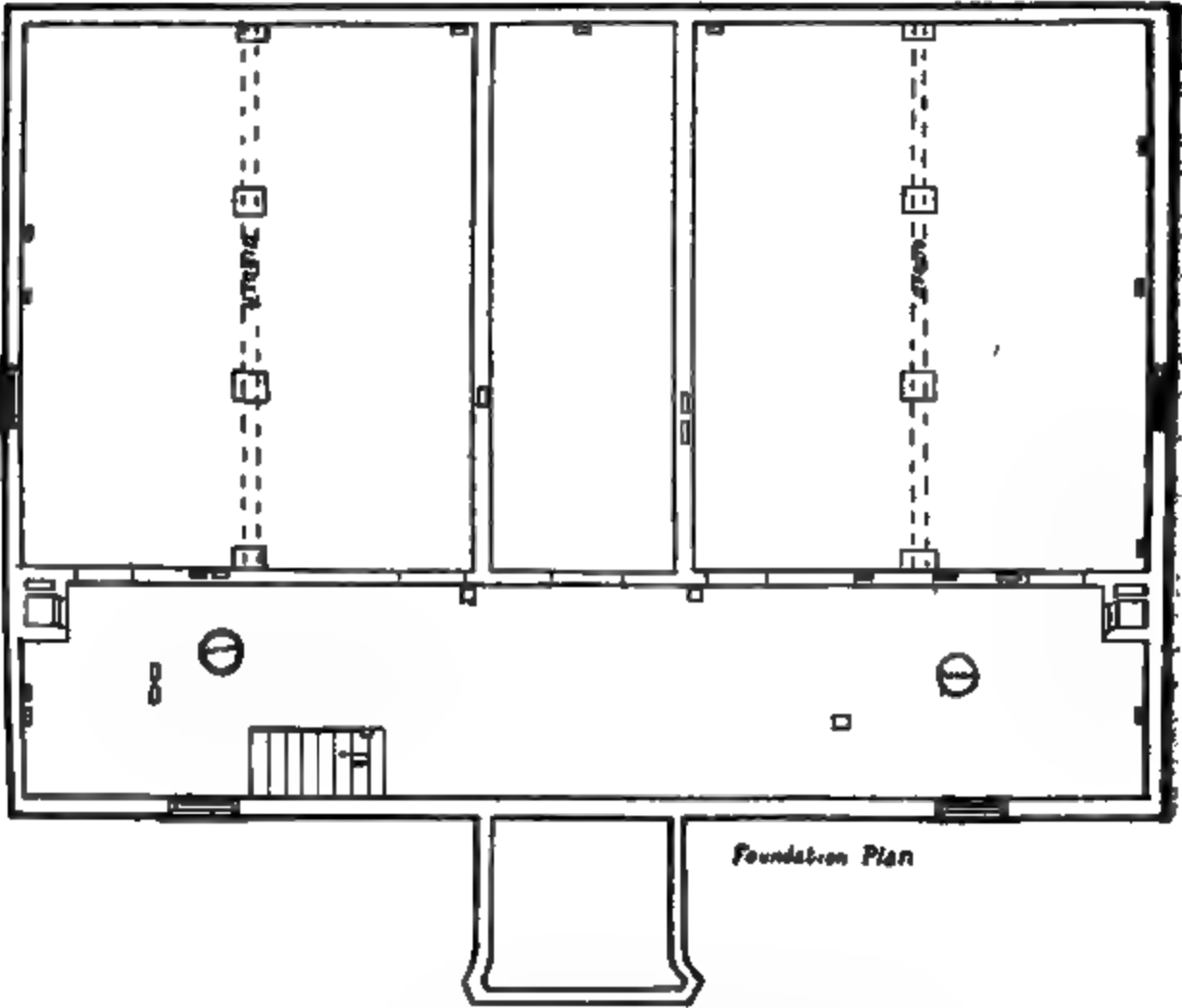


FIGURE 10.
Underwood School Building - Foundation Plan. For building see figure 2.

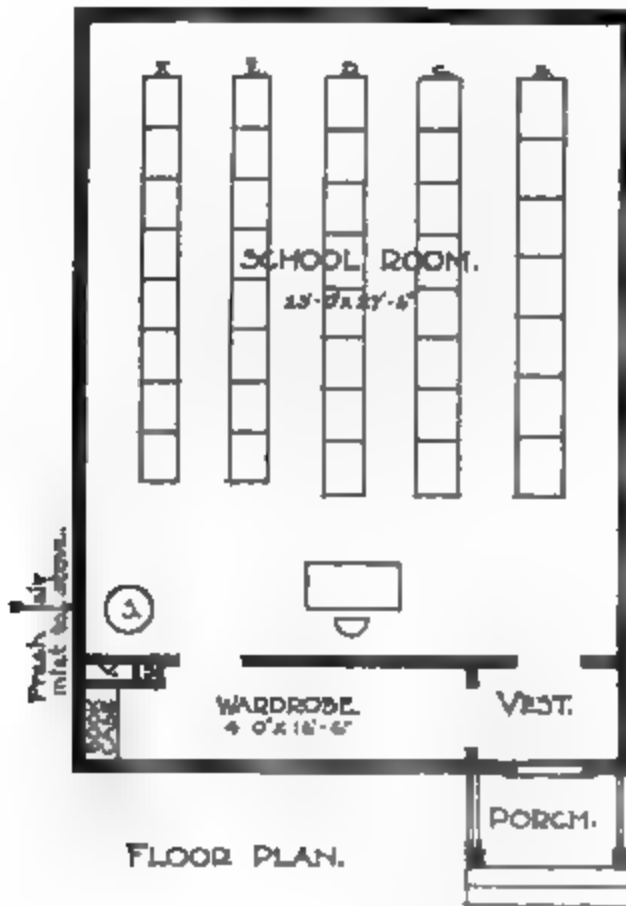


FIGURE 11.
District No. 2, Franklin Township, Monona County - Floor Plan. For cut of building see figure 4. The letters A, B, C, D, E and F refer to the size of the desks in the different rows and indicate the correct place for seating.

12-19
1-1



FIGURE 2.
Central School, Marathon, Buena Vista County.



FIGURE 3.
A two-room school house; convenient and inexpensive
For floor plan, see figure 13.



FIGURE 4.
Rural School House, District No 3, Franklin Township, Monona County.
 Cost \$800. For floor plan see figure 11.



FIGURE 5.
 A one room school house so constructed that an additional room may be
 added when needed. For floor plan see figure 15.

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SUPERINTENDENTS—STATE AND COUNTY—TERM, 1904-1906.†

JOHN F. RIGGS, SUPERINTENDENT PUBLIC INSTRUCTION,
DES MOINES.

County.	Superintendent.	Terms Served	Postoffice.
Adair.....	Mrs. Ella C. Chantry.....	1½	Greenfield
Adams.....	A. B. Lewis.....	1	Corning
Allamakee.....	John E. Mills.....	1	Waukon
Appanoose.....	W. M. Speers.....	.....	Centerville
Audubon.....	Arthur Farquhar.....	2	Audubon
Benton.....	C. R. Lowe.....	1	Vinton
Black Hawk.....	Chas. Elliott.....	.....	Waterloo
Boone.....	Ralph R. Cobb.....	.....	Boone
Bremer.....	John T. Remick.....	.....	Waverly
Buchanan.....	M. J. Goodrich.....	1	Independence
Buena Vista.....	J. E. Durkee.....	4	Sioux Rapids
Butler.....	Ida F. Leydig.....	1	Allison
Calhoun.....	W. R. Sandy.....	2	Rockwell City
Carroll.....	W. J. Barloon.....	.....	Carroll
Cass.....	Mrs. Bertha A. Johnson.....	½	Atlantic
Cedar.....	George H. Kellogg.....	.....	Tipton
Cerro Gordo.....	P. O. Cole.....	2	Mason City
Cherokee.....	Agnes J. Robertson.....	4	Cherokee
Chickasaw.....	F. J. Conley.....	.....	New Hampton
Clarke.....	W. C. Davis.....	1	Osceola
Clay.....	* H. F. Fillmore.....	3	Spencer
Clayton.....	C. J. Adam.....	2	Elkader
Clinton.....	Geo. E. Farrell.....	1	Clinton
Crawford.....	F. L. Hoffman.....	.....	Denison
Dallas.....	R. F. Wood.....	1	Adel
Davis.....	Harvey O. Roland.....	.....	Bloomfield
Decatur.....	Eli Hutchinson.....	.....	Leon
Delaware.....	Frank D. Joseph.....	.....	Manchester
Des Moines.....	Howard A. Mathews.....	2	Burlington
Dickinson.....	W. T. Davidson.....	1	Spirit Lake
Dubuque.....	P. J. Schroeder.....	1	Dubuque
Emmett.....	Maria Z. Pingrey.....	1	Esterville
Fayette.....	Henry L. Adams.....	2	West Union
Floyd.....	Frederick Schaub.....	1	Charles City
Franklin.....	Samuel E. Campbell.....	.....	Hampton
Fremont.....	Mattie Lee A. Lair.....	1	Sidney
Greene.....	A. J. Oblinger.....	.....	Jefferson
Grundy.....	J. D. Adams.....	.....	Grundy Center
Guthrie.....	M. P. Kenworthy.....	.....	Guthrie Center
Hamilton.....	L. N. Gerber.....	2	Webster City
Hancock.....	A. M. Deyoe.....	1	Garner
Hardin.....	Mrs. Ella B. Chassell.....	1	Eldora
Harrison.....	D. E. Brainard.....	1	Logan
Henry.....	* Annie E. Packer.....	3	Mt. Pleasant
Howard.....	Helen L. Chapin.....	.....	Cresco
Humboldt.....	* Clarence Messer.....	4	Humboldt
Ida.....	J. C. Hagler.....	5	Ida Grove
Iowa.....	Howard T. Ports.....	1	Marengo

* Was superintendent at a former time.

† Term extended to January 1, 1907 by the biennial amendment.

SUPERINTENDENTS—STATE AND COUNTY TERM, 1904-1906†—CONTINUED.

County.	Superintendent.	Terms Served.	Postoffice.
Jackson	C. C. Dubley	2	Maquoketo
Jasper.....	John E. Roberts .....	.....	Newton
Jefferson	Anna White	2	Fairfield
Johnson	L. H. Langenberg	1	Iowa City
Jones.....	Clifford B. Paul	2	Anamosa
Keokuk.....	C. E. Miller	1	Sigourney
Kossuth	C. H. Belknap .....	.....	Algona
Lee.....	E. C. Lynn .....	.....	Donnellson
Linn.....	J. E. Vance	1	Marion
Louisa.....	C. R. Wallace	1	Wapello
Lucas.....	Laura Fitch	1	Chariton
Lyon	* A. W. Grisell	4	Rock Rapids
Madison	* T. H. Stone	2	Winterset
Mahaska	Jas. P. Dodds	2	Oskaloosa
Marion	W. H. Lucas	1	Knoxville
Marshall.....	Mary E. Hostetler	1	Marshalltown
Mills.....	* W. M. Moore	3	Glenwood
Mitchell	* Jay A. Lapham	3½	Osage
Monona	F. E. Lark	4	Onawa
Monroe.	R. B. Spencer	1	Albia
Montgomery....	Mabel G. Hanna	1	Red Oak
Muscatine	F. M. Witter	1	Muscatine
O'Brien.....	Nellie Jones	1	Primghar
Osceola.....	J. P. McKinley	1	Sibley
Page	Geo. H. Colbert	1	Clarinda
Palo Alto.	Anna E. Odland .....	.....	Emmetsburg
Plymouth.....	I. C. Hise	3	LeMars
Pocahontas	U. S. Vance	2	Laurens
Polk.....	Z. C. Thornburg	1	Des Moines
Pottawattamie ..	O. J. McManus	2	Council Bluffs
Poweshiek	P. A. McMillen .....	.....	Grinnell
Ringgold	Mrs. L. L. Richardson .....	.....	Mt. Ayr
Sac.....	H. C. Coe .....	.....	Sac City
Scott	J. H. Jacobs .....	.....	Davenport
Shelby.	Geo. A. Luxford	1	Harlan
Sioux.....	W. E. Chase	1	Orange City
Story.....	Ira C. Welty .....	.....	Nevada
Tama	D. E. Brown	1	Toledo
Taylor.....	H. S. Ash	1	Bedford
Union	Frank M. Abbott	1	Creston
Van Buren.	A. L. Heminger .....	.....	Keosauqua
Wapello	Emma Nye .....	.....	Ottumwa
Warren	J. W. Radebaugh .....	.....	Indianola
Washington	Cora Porter .....	.....	Washington
Wayne	Maud Elmore	1	Corydon
Webster	Alfred L. Brown	2	Ft. Dodge
Winnebago	* L. C. Brown	3	Forest City
Winneshiek.....	Ellis J. Hook	2	Decorah
Woodbury	* E. A. Brown	4	Sioux City
Worth	O. E. Gunderson .....	.....	Northwood
Wright	Agnus McDonald	2	Clarion

* Was superintendent at former time.

† Term extended to January 1, 1907, by the biennial amendment.

ABSTRACT [A]—REPORT OF SCHOOL

COUNTIES.	DISTRICTS.			SCHOOLS.			TEACHERS.			
	School townships.	Independent districts.	Number subdistricts.	Rooms in rural schools.	No. of schoolrooms in cities and towns.	Average duration in months.	Number Employed.		Av. Monthly Compensation.	
							Males.	Females.	Males.	Females.
Adair.....	15	15	127	137	28	8.2	85	800	\$ 40 05	\$ 38 97
Adams.....	9	58	77	104	84	8.1	45	206	37 58	33 30
Allamakee.....	9	70	58	128	80	7.1	85	222	38 38	28 80
Appanoose.....	18	38	98	118	76	7.2	66	222	41 55	30 15
Audubon.....	12	8	106	104	24	8.2	58	197	39 68	34 94
Benton.....	10	97	82	168	60	8.6	58	321	45 84	34 47
Black Hawk.....	10	68	78	140	106	8.8	25	374	81 08	46 35
Boone.....	11	67	98	145	79	8.0	50	316	41 06	34 48
Bremer.....	8	62	48	97	42	7.5	14	187	55 79	29 47
Buchanan.....	9	68	77	132	61	8.8	28	282	47 05	22 89
Buena Vista.....	15	12	120	128	48	8.0	28	259	60 99	32 10
Butler.....	11	47	86	135	48	8.7	34	270	50 72	33 04
Calhoun.....	16	9	134	138	51	8.3	32	235	50 58	35 97
Carroll.....	18	29	114	134	58	7.9	43	234	49 08	38 73
Cass.....	15	17	130	140	57	8.4	36	317	54 54	36 34
Cedar.....	12	44	100	128	46	8.0	32	252	53 95	35 95
Cerro Gordo.....	12	28	108	134	72	8.1	29	313	40 30	33 11
Cherokee.....	15	15	126	132	42	8.3	33	294	49 97	37 34
Chickasaw.....	5	62	58	109	58	7.9	30	227	45 10	28 08
Clarke.....	9	28	78	102	26	7.7	37	189	54 73	30 70
Clay.....	16	5	123	123	30	8.5	29	225	42 11	35 59
Clayton.....	17	37	145	167	62	8.0	46	275	46 65	31 13
Clinton.....	17	56	133	157	140	8.9	32	384	65 55	34 50
Crawford.....	20	8	170	166	53	8.5	34	326	49 92	34 35
Dallas.....	13	34	114	138	78	8.4	36	323	55 70	34 73
Davis.....	6	69	34	96	29	6.6	30	121	54 05	29 00
Decatur.....	9	54	67	111	43	7.8	39	204	40 04	28 63
Delaware.....	14	25	118	130	43	8.4	14	244	44 42	30 60
Des Moines.....	5	61	25	84	134	8.0	32	226	66 62	42 68
Dickinson.....	11	8	68	72	26	7.9	19	126	65 13	34 79
Dubuque.....	10	52	67	124	129	8.7	24	259	100 72	37 14
Emmet.....	10	2	71	74	33	8.2	10	129	53 90	37 72
Fayette.....	19	32	103	175	78	8.0	41	360	42 44	30 96
Floyd.....	11	16	103	113	60	8.2	23	243	56 89	32 38
Franklin.....	12	33	102	137	31	8.0	37	244	41 95	32 75
Fremont.....	11	19	103	117	55	8.9	36	230	53 17	39 34
Greene.....	14	13	129	136	38	8.0	37	305	49 08	35 30
Grundy.....	9	50	75	119	31	8.2	35	208	39 48	34 06
Guthrie.....	15	15	134	143	57	8.3	49	318	46 30	34 39
Hamilton.....	14	63	107	133	51	8.2	52	238	46 05	36 49
Hancock.....	16	8	115	122	39	8.1	35	200	43 12	36 69
Hardin.....	8	65	75	129	77	8.0	34	292	44 85	36 11
Harrison.....	16	33	118	145	69	8.6	43	303	51 51	35 49
Henry.....	4	74	33	97	43	7.8	32	223	36 20	30 32
Howard.....	11	11	91	98	31	8.1	16	206	50 67	32 32
Humboldt.....	10	19	85	103	41	8.6	19	194	52 66	35 65
Ida.....	12	5	96	99	24	8.4	29	195	47 91	37 09
Iowa.....	10	55	76	135	44	9.0	46	243	40 14	36 22
Jackson.....	14	45	105	133	62	8.2	20	240	50 32	31 34
Jasper.....	17	30	139	177	71	7.9	56	399	41 72	34 43

COUNTY SUPERINTENDENTS, 1904. STATISTICS.

PUPILS.						SCHOOL HOUSES.			GENERAL.					
Between Ages of 5 and 21 Yrs.		Ages of 7 to 14 Years Inclusive.		Persons 7 to 14 Yrs. not Attend- ing School.		Enrolled in public schools.	Total average attend- ances.	Average tuition per month per pupil.	Number of school- houses.	Value of schoolhouses.	Value of apparatus.	Number of volumes in the libraries.	No. of trees in thrifty condition on the schoolhouse sites.	Rooms in which effects of stimulants and narcotics are taught.
Males.	Females.	Males.	Females.	Males.	Females.									
2686	2469	1488	1401	55	49	4230	2688	\$ 2 24	146	\$ 124335	\$ 8194	4088	8089	164
2682	2464	1108	1168	22	11	8585	2806	2 18	112	96558	8021	2304	2055	126
3188	2976	1656	1539	26	24	4804	2929	1 91	182	128810	7801	5242	989	158
4631	4469	2308	2282	105	61	7244	5088	1 60	188	19270	4966	4045	1844	194
2488	2622	1837	1290	17	7	8222	2954	2 12	111	113775	■	2965	899	129
2811	3790	2018	2000	22	46	5967	4279	2 05	187	200060	9962	10753	8828	221
5467	5405	2817	2747	48	38	7638	5182	2 30	154	488905	10968	6659	2987	348
4486	4340	2247	3282	24	32	6812	4773	1 88	157	208060	9844	11088	2729	199
2548	2517	1883	1369	26	35	3808	2234	2 17	119	122175	6668	7601	1906	136
3085	2915	1586	1618	12	1	4994	3777	2 18	156	161740	10187	6498	1562	193
2836	2691	1480	1871	24	9	4466	2948	2 84	189	170895	8881	15168	1862	175
2910	2747	1674	1684	184	70	4849	3237	■	148	147840	■	6839	2983	148
2985	2835	1618	1808	8	4	5087	3431	2 21	149	178040	8485	12232	1820	158
3788	3636	1868	1869	57	52	4755	3887	2 31	148	160425	9120	4134	1807	169
3186	3206	1721	1721	17	7	5627	3900	2 13	153	163525	8156	7987	8594	119
3041	2988	1712	1722	15	8	4028	3186	2 42	145	162655	12494	7557	3903	178
2884	2231	1658	1544	17	18	5143	3612	2 32	148	268545	10199	7186	2844	169
2641	2512	1426	1870	65	41	4477	2906	2 53	144	185075	9845	17275	2405	146
2725	2778	1452	1451	18	18	5556	2586	2 22	119	108681	5368	4678	2106	143
1944	1858	1060	1062	19	18	3245	2209	2 06	108	77002	■	2805	2190	128
2226	2068	1188	1144	11	9	5752	2891	2 47	132	117258	7584	7807	1155	163
4478	4427	2380	2450	45	21	6325	4228	1 95	181	208425	9189	8078	1858	229
7172	7862	3608	3765	67	54	9274	6902	2 ■	186	478770	15894	6654	3547	276
3908	3797	2116	2145	8	7	5653	3568	2 26	179	202700	14560	5662	3455	215
3780	3571	2287	2220	10	8	6521	4431	2 08	153	176465	7584	6515	3452	211
2448	2316	1316	1261	28	32	3651	2291	1 53	104	96865	8381	2296	1111	128
2924	2976	1582	1658	17	12	5223	3436	1 ■	124	118375	5018	3159	2861	186
3804	3011	1729	1672	40	30	4365	2913	2 02	145	129270	6447	5489	1588	168
6621	5728	2781	2929	30	17	7262	5856	2 28	99	318290	11961	2915	2099	218
1647	1864	793	681	43	29	2702	1568	2 56	79	80790	4838	4383	1388	98
60142	10565	4624	4718	59	40	7900	5788	2 27	151	506725	11784	7043	1897	240
1776	1760	1076	1025	25	16	2785	1908	2 36	86	92506	8946	6789	1481	106
4785	4702	2379	2338	67	54	7188	■	1 84	190	220680	8978	12027	3698	287
2487	2658	1277	1348	19	17	4028	2794	2 39	124	221676	8368	7954	1566	171
2446	2343	1268	1170	61	39	3889	2488	2 52	144	117260	5199	6821	2213	165
2657	2725	1648	1547	28	20	4418	3830	2 06	128	160061	5718	6529	2570	157
2685	2668	1484	1479	13	39	4598	3081	2 17	145	188990	6487	■	3540	174
2290	2280	1277	1240	30	26	3658	2807	2 48	128	112968	7823	4116	2108	189
3129	3125	1607	1700	13	7	5201	3642	2 08	154	■	7718	4646	1878	196
2882	3233	1681	1678	9	11	5178	3440	1 88	146	172800	11138	4442	1314	179
2482	2240	1401	1246	18	16	3678	2529	2 52	139	187875	7580	5453	2808	161
3768	3604	2124	2148	66	49	5668	■	2 27	149	196620	9698	6628	3394	197
4083	4109	3158	3266	75	61	6582	4677	1 94	160	198940	7822	4172	3078	213
3647	2652	1851	1826	63	16	4425	2879	2 01	109	189197	8284	5729	2762	183
2886	2339	1276	1880	17	11	3455	2129	2 41	106	88735	4568	4021	1867	136
2148	2053	1180	1168	13	8	3679	2940	2 13	112	96585	5710	7533	2047	189
2112	1976	1214	1143	17	10	3254	2348	2 50	106	128240	9194	7381	3304	106
2267	2263	1711	1643	21	12	4868	3417	2 07	142	162075	6526	9830	3422	173
3872	3889	3169	2386	69	54	5670	3669	1 83	154	182650	2665	3910	2889	196
4374	4023	2814	2143	43	40	6804	4596	2 18	191	226075	9022	5971	4213	246

ABSTRACT [A] REPORT OF
SCHOOL

COUNTIES.	DISTRICTS.			SCHOOLS.			TEACHERS.			
	School townships.	Independent districts.	Number sub-districts.	Rooms in rural schools.	No. of school rooms in cities and towns.	Average duration in months.	Number Employed.		Av. Monthly Compensation.	
							Males.	Females.	Males.	Females.
Jefferson.....	9	88	69	92	88	7.7	■	194	\$ 40 58	\$ 81 72
Johnson.....	10	48	114	153	76	8.4	■	320	44 18	82 04
Jones.....	9	62	70	130	52	8.7	■	245	51 77	84 44
Keokuk.....	2	115	24	126	77	7.6	61	236	53 04	82 35
Kossuth.....	28	10	81	211	56	8.1	45	261	42 98	84 47
Lee.....	7	84	47	101	104	6.6	27	269	53 18	35 65
Linn.....	11	74	105	167	238	8.0	58	512	51 25	82 30
Louisa.....	9	28	59	78	88	8.8	62	176	44 01	34 04
Lucas.....	4	60	88	90	37	7.0	38	178	40 53	82 28
Lyon.....	12	19	84	127	41	8.2	41	304	43 76	36 49
Madison.....	12	27	113	184	40	8.1	44	284	37 62	31 89
Mahaska.....	9	74	68	135	91	8.1	51	318	46 68	37 05
Marion.....	4	113	22	135	66	7.3	41	247	42 19	39 32
Marshall.....	12	58	90	126	119	8.4	59	329	52 68	41 22
Mills.....	4	68	19	81	51	8.5	27	158	57 80	39 84
Mitchell.....	8	47	51	86	10	7.8	22	175	55 35	31 29
Monona.....	16	19	120	142	50	8.5	28	238	53 61	33 92
Monroe.....	7	40	60	92	52	7.5	29	188	44 00	32 19
Montgomery.....	10	23	85	108	53	7.5	25	229	53 46	35 70
Muscatine.....	11	27	68	87	99	8.3	22	245	67 97	38 86
O'Brien.....	15	7	123	138	55	8.5	48	244	52 81	37 43
Oceola.....	11	8	92	90	23	8.1	22	168	44 07	36 41
Page.....	11	47	83	118	74	8.3	81	265	50 00	36 26
Palo Alto.....	16	7	124	122	38	8.7	17	213	52 14	34 99
Plymouth.....	28	11	167	170	52	8.5	29	238	48 00	35 00
Pocahontas.....	15	15	117	180	43	7.8	32	245	42 86	35 86
Polk.....	18	58	90	113	365	8.4	63	575	72 55	52 72
Pottawattamie.....	24	26	214	226	196	8.6	49	557	60 06	41 07
Poweshiek.....	14	24	116	188	58	8.1	36	300	53 31	36 22
Ringgold.....	12	39	95	123	42	7.4	46	238	38 88	31 84
Sac.....	16	9	132	180	49	8.5	35	250	51 80	34 41
Scott.....	13	28	78	109	194	9.1	59	300	80 14	43 74
Shelby.....	16	10	132	182	49	8.6	54	240	41 32	36 94
Sioux.....	21	13	161	170	67	8.8	52	264	44 81	36 09
Story.....	14	81	115	133	80	7.8	61	297	44 44	41 36
Tama.....	12	32	96	167	68	8.0	41	356	48 69	33 17
Taylor.....	13	28	99	118	58	7.8	25	254	43 98	34 33
Union.....	10	24	91	108	68	8.5	26	■	54 07	35 75
Van Buren.....	8	50	65	109	40	7.5	48	187	40 78	29 15
Wapello.....	8	48	65	96	117	8.1	28	294	57 80	38 53
Warren.....	7	85	52	130	47	7.9	53	■	45 46	35 09
Washington.....	6	83	50	126	43	7.3	33	■	50 46	38 80
Wayne.....	18	34	91	117	48	7.3	54	205	39 19	29 28
Webster.....	18	44	187	174	33	8.1	31	531	50 10	36 76
Winnabago.....	10	12	76	85	37	7.2	26	140	44 36	38 20
Winnebiek.....	14	45	98	197	43	7.0	39	283	45 27	31 60
Woodbury.....	17	4	133	178	226	8.5	55	494	52 00	42 54
Worth.....	12	6	87	89	21	7.4	28	144	37 54	32 17
Wright.....	15	16	118	123	61	8.2	44	273	45 26	35 08
Total.....	1139	3741	9221	12492	6458	8.0	3905	39019	48 24	35 51

COUNTY SUPERINTENDENTS FOR 1904—CONTINUED.

STATISTICS.

PUPILS.										SCHOOLHOUSES.			GENERAL.		
Between Ages of 5 and 21 Yrs.		Ages of 7 to 14 Years Inclusive.		Persons 7 to 14 Yrs. not Attending School.		Enrolled in public schools.	Total average attendance.	Average tuition per month per pupil.	Number of school-houses.	Value of schoolhouses.	Value of apparatus.	Number of volumes in the libraries.	No. of trees in thrifty condition on the schoolhouse sites.	Rooms in which effects of stimulants and narcotics are taught.	
Males.	Females.	Males.	Females.	Males.	Females.										
2828	2547	1296	1314	29	19	8975	2714	1 73	100	96500	3168	8296	1404	125	
2818	2875	2108	1940	35	36	6885	4004	1 11	170	248005	9901	10822	4897	220	
8004	8084	1882	1708	72	44	5369	3489	1 90	189	174075	7887	9866	2285	182	
2851	3560	1988	1944	48	49	6058	4128	1 98	147	192875	8864	7891	4891	201	
2864	3719	2296	2848	67	57	6028	3789	2 64	228	207705	12880	6067	8189	■	
2844	2522	2885	2851	48	28	6424	4668	2 51	125	400348	6257	6258	2900	302	
2855	2856	4963	4898	38	19	12818	6494	2 19	208	750975	18121	14878	2615	845	
2867	1974	1171	1078	9	14	8254	2251	2 06	90	110581	8986	5463	1629	116	
2861	2550	1846	1380	6	8	4217	2482	1 89	99	153430	5828	3402	2486	127	
2819	2382	1480	1456	74	55	8951	2515	2 75	139	123400	5840	6006	2420	144	
2771	2594	1565	1579	4	1	4072	3162	1 06	143	138095	5812	9455	2489	172	
2806	4791	2690	2618	91	110	7817	5208	1 88	161	288701	8786	6180	2910	226	
4035	3690	2007	2011	75	56	6394	4189	1 89	158	208830	6268	6739	■	189	
4423	4289	2207	2145	19	14	6875	4883	2 16	156	639090	6821	7769	2890	227	
2820	2797	1854	1847	15	14	4231	2654	2 17	62	180115	7175	10292	2486	123	
2427	2462	1344	1853	22	7	8404	2882	2 46	106	118457	5436	10488	2316	189	
2855	3127	1722	1711	50	88	4686	3039	2 88	169	179530	6845	8698	2714	192	
2842	3686	1787	1846	104	108	5482	3712	1 46	105	122005	4182	2781	841	189	
2780	2598	1407	1298	18	18	4506	3224	2 89	118	196850	5778	4861	8035	155	
4515	4395	2272	2202	1	10	6114	4468	2 18	106	248800	5189	4324	2019	188	
2803	3029	1754	1748	24	14	5046	3530	2 26	141	193845	15716	17816	3870	186	
1708	1575	1014	921	10	11	2872	1686	2 86	94	108805	4010	9665	1516	106	
2800	3504	1955	1888	18	14	6098	4100	2 00	189	190648	8183	5340	6138	192	
2490	2386	1887	1296	10	10	5780	2378	2 42	133	112230	10910	18100	2598	166	
4032	3654	2388	2405	109	96	5586	3489	2 45	181	163000	11800	9163	2305	222	
2826	2493	1452	1435	18	9	4582	2893	2 41	144	184125	8902	11665	6159	178	
14711	15352	6466	6890	104	41	19684	12917	2 52	198	1582105	36968	13900	4868	448	
2826	2845	4832	4768	78	71	■	6289	2 38	287	538119	36321	9629	6102	416	
2864	3099	1879	1706	9	7	5072	3098	2 24	149	278800	8608	10490	3923	178	
2410	2430	1283	1266	28	24	4217	2878	2 16	134	109075	7442	8032	1382	164	
2808	2909	■	7682	26	21	4688	3860	2 07	145	180825	7180	8179	2004	175	
2811	2489	4780	4475	11	6	10893	8102	2 24	127	735449	12826	11937	4108	197	
2125	2973	1787	1704	8	8	4580	3030	2 40	148	180800	8865	10878	4105	■	
4624	4859	2585	2499	92	64	6366	4250	2 27	188	206055	8399	9429	4051	237	
2848	2801	2138	2097	....	....	6497	4448	2 12	151	186195	1484	7118	8067	208
2700	3502	2057	2081	7	9	5805	4285	2 28	138	245810	11868	7821	8811	228	
2620	2776	1497	1484	19	27	4995	3478	2 02	181	115225	4386	8236	2288	170	
2808	2901	1441	1526	18	18	4688	3124	2 17	122	310795	5081	5032	1754	157	
2882	2389	1287	1196	10	12	4146	2895	1 74	116	127540	4895	8204	2088	150	
2826	3253	2825	2936	87	88	8148	6080	1 97	114	419750	5765	8252	2419	201	
2866	2896	1731	1788	10	7	5668	3782	1 76	144	187440	6174	6069	2812	170	
2862	3312	1707	1700	21	21	5188	3486	2 14	188	168578	5615	11778	2297	187	
2860	2892	1456	1436	12	10	5030	3480	1 74	180	182855	6104	4330	1284	165	
4900	4852	2617	2718	18	16	7264	4797	2 12	189	304105	6837	15785	3409	244	
2852	2021	1218	1149	15	19	8870	3196	2 22	94	96890	8952	4218	1272	118	
2828	3782	2028	2008	11	16	6051	3002	2 32	149	164782	6419	7172	1839	168	
10890	10840	7401	7058	89	36	12808	9929	2 12	217	928965	20162	6946	4546	408	
1800	1781	1066	1016	11	4	2774	1870	2 00	97	77695	4180	3549	1032	109	
2259	2914	1737	1801	7	8	4997	3558	2 22	141	157120	8239	11153	2315	189	
65283	297548	194987	192201	8406	2654	548940	373028	2 18	18986	21822042	884456	714432	267046	18229	

ABSTRACT EXAMINAT

COUNTIES.	1st grade certificates issued.		2d grade certificates issued.		3d grade certificates issued.		Special certificates issued.		Kind gart certifi lates
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Adair	9	41	4	74	20	123			
Adams	7	25	30	155					
Allamakee	1	8	11	79	7	104			
Appanoose	8	14	25	102	16	98	1		
Audubon	8	21	13	75	12	90			
Benton	4	48	26	159					
Black Hawk	3	23	12	133			1		
Boone	11	45	12	127	10	84			
Bremer	2	30	15	138					
Buchanan	10	60	25	151	3				
Buena Vista	9	30	7	120	1	13			
Butler	10	42	20	157					
Calhoun	6	44	8	149	4	65			
Carroll	4	60	12	76	4	24	2		
Cass	5	50	5	192		9			
Cedar	5	23	14	141	2	28			
Cerro Gordo	7	34	14	171	8	37	1		
Cherokee	4	27	12	180	8	45			
Chickasaw	4	13	9	70	9	60	4		
Clarke	3	17	11	53	23	34			
Clay	4	44	11	114	3	51			
Clayton	4	12	20	140	13	57	4		
Clinton	6	21	7	163	15	163	3		
Crawford	10	44	12	174	3	73	1		
Dallas	5	27	23	203	10	45			
Davis	13	5	13	45	9	62			
Decatur	3	23	11	81	19	103			
Delaware	3	17	8	65	1	64			
Des Moines	4	13	13	153			3		
Dickinson	9	14	4	83	1	11			
Dubuque	5	8	4	163		102	2		
Emmet	3	22	8	70	1	37			
Fayette	4	30	9	141	5	31	5		
Floyd	4	28	10	160			4		
Franklin	2	14	12	93	10	67	1		
Fremont	3	19	6	132	6	55			
Greene	5	20	10	133	5	34			
Grundy	7	21	16	109					
Guthrie	11	47	15	90	22	107			
Hamilton	2	10	7	103	9	97	4		
Hancock	9	24	13	142	5	30	1		
Hardin	4	24	13	120	14	33	2		
Harrison	3	40	10	133			1		
Henry	7	21	21	124	3	33			
Howard	3	36	8	95	4	40			
Humboldt		10	8	93	3	69			
Ida	6	30	7	33	4	30			
Iowa	4	27	23	130	9	65	1		
Jackson	4	16	9	106	5	79			
Jasper	3	23	22	242					

REPORTS FOR 1904. TEACHERS.

Number of schools.	Applicants rejected.		Applicants examined.		Different persons licensed.		Average age of applicants.		No experience in teaching.		Taught less than one year.		Holding state certificates or diplomas.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1	170	81	36	275	38	196	26	31	1	45	9	29	4	3
2	170	46	45	281	24	184	23	20	1	30	2	22	2	1
3	170	42	31	289	12	148	25	21	4	23	3	27	2	3
4	170	51	58	277	48	211	25	28	10	22	6	17	2	4
5	170	33	31	219	30	188	28	22	5	30	5	31	3	4
6	170	38	59	248	85	300	23	22	5	31	10	50	9	7
7	170	76	24	303	16	230	23	21	8	27	6	48	5	30
8	170	13	35	275	39	190	26	22	4	34	5	44	2	23
9	170	10	19	185	14	147	21	20	4	19	5	32	2	5
10	170	7	36	230	28	178	24	22	9	22	9	41	4	41
11	170	22	19	185	15	181	26	21	1	13	14	76	6	29
12	170	56	37	254	30	188	25	21	8	32	4	7	9	22
13	170	27	26	292	14	308	26	23	2	33	4	60	6	11
14	170	55	26	316	22	161	23	21	3	7	5	80	5	10
15	170	18	11	320	10	180	23	21	3	22	4	60	5	10
16	170	63	22	217	18	171	25	22	5	39	2	19	7	15
17	170	60	40	316	23	231	23	23	11	30	10	62	3	14
18	170	31	20	280	17	160	27	22	9	22	5	19	6	12
19	170	25	29	194	7	150	21	24	8	15	3	21	2	6
20	170	12	48	224	28	109	25	21	6	14	8	12	1	8
21	170	72	34	296	19	161	27	22	2	43	3	64	3	5
22	170	51	32	411	37	233	27	22	12	21	5	9	1	5
23	170	33	27	339	20	322	28	24	7	40	1	29	4	7
24	170	19	30	297	19	231	23	23	2	28	4	32	6	6
25	170	19	30	297	34	224	23	20	9	41	17	79	5	14
26	170	17	40	129	30	108	26	23	12	29	4	20	1	3
27	170	15	41	223	30	169	22	23	13	40	4	25	4	3
28	170	30	7	192	7	189	25	19	1	23	1	66	2	3
29	170	8	22	125	25	170	32	25	4	20	1	16	3	33
30	170	25	15	134	15	110	25	23	1	19	1	9	3	7
31	170	15	11	308	11	287	34	25	3	12	3	16	4	2
32	170	27	7	161	7	104	27	23	2	21	.....	8	1	11
33	170	60	34	308	23	248	22	21	5	26	5	41	3	10
34	170	47	18	248	7	159	24	21	5	21	1	15	4	21
35	170	62	36	244	20	149	23	21	6	26	4	15	3	10
36	170	13	24	219	19	198	21	20	4	25	2	6	7	3
37	170	59	30	246	23	239	20	22	4	15	1	16	5	11
38	170	21	32	151	23	126	21	19	2	24	3	11	3	9
39	170	20	49	264	45	201	28	23	14	28	6	31	3	8
40	170	45	36	259	19	188	26	22	5	29	5	36	4	10
41	170	38	43	255	24	149	26	22	5	20	3	37	5	8
42	170	49	47	234	20	136	24	21	6	55	7	58	3	19
43	170	80	19	255	14	174	20	19	2	43	.....	17	10	24
44	170	35	33	217	27	152	26	23	9	36	8	22	1	1
45	170	18	13	196	14	175	23	20	4	19	3	13	2	6
46	170	27	12	217	10	157	23	22	3	15	4	27	3	3
47	170	3	17	135	12	117	23	24	3	16	5	26	4	2
48	170	27	33	246	31	162	31	22	6	34	11	32	3	7
49	170	6	19	209	13	204	29	26	5	49	1	23	4	11
50	170	170	44	440	29	217	23	24	3	33	5	33	4	16

ABSTRACT

SCHO

COUNTIES.	SCHOOLHOUSE FUND.							
	Debit.			Total debit or credit.	Credit.			
	On hand at last report.	Received from district tax.	Received from other sources.		Paid for school-houses and sites.	Paid on bonds and interest.	Paid for library books.	Paid for other purposes.
Adair.....	\$ 898 81	\$ 5486 22	\$ 3217 50	\$ 7600 58	\$ 4746 82	\$ 1000 50	.....	\$ 558 78
Adams.....	1586 78	5660 61	225 87	5823 26	558 88	976 53	.....	1045 16
Allamakee.....	529 24	2074 68	488 89	3097 81	1348 25	804 98	.....	808 81
Appanoose.....	7848 89	7847 51	10472 71	26169 11	8487 95	18883 02	.....	1205 05
Audubon.....	5261 09	5927 49	127 05	11816 68	7792 84	1466 98	.....	248 53
Benton.....	4051 91	5214 60	568 85	10880 86	1144 20	4647 00	\$ 3 20	2200 00
Black Hawk.....	17456 97	24983 45	296 31	42886 73	27818 89	10680 90	.....	2018 54
Boone.....	3529 63	11181 97	1823 83	15685 43	4784 49	5840 81	232 07	2686 40
Bremer.....	848 84	6548 42	741 87	8189 28	2402 26	1961 81	.....	2388 69
Buchanan.....	3405 78	3401 54	10081 28	16888 60	6164 15	8077 02	.....	3734 73
Burma Vista.....	12878 98	10267 68	6048 79	29185 35	9496 52	11171 59	.....	969 75
Butler.....	2108 71	9778 00	1296 60	13177 81	7512 99	8148 72	.....	940 72
Calhoun.....	14515 91	8847 94	5532 00	28895 85	19502 19	8764 41	.....	2887 67
Carroll.....	5861 31	4732 17	5684 35	15777 83	4184 10	5637 50	.....	2712 82
Cass.....	1924 48	5026 75	32 80	6983 54	1517 06	2152 49	.....	243 35
Cedar.....	2590 23	4977 06	516 64	8083 93	1863 60	2971 11	.....	1061 89
Cerro Gordo.....	6656 76	15712 93	43781 62	66 00 81	50814 20	5117 47	.....	2863 04
Cherokee.....	2784 12	4106 10	389 83	7280 03	.....	2062 01	.....	1052 97
Chickasaw.....	5694 40	3015 45	689 70	9299 55	4270 29	2191 64	.....	1023 04
Clarke.....	2198 51	3891 15	815 33	6405 00	1246 09	3974 50	.....	529 66
Clay.....	2028 08	7521 71	686 81	10236 56	1171 98	4488 94	269 71	2199 51
Clayton.....	1848 81	4048 87	1900 26	11862 44	4779 20	2859 39	.....	2142 90
Clinton.....	6491 32	15796 70	2204 15	24491 17	9552 57	7189 87	.....	1098 67
Crawford.....	3549 87	5158 87	1460 71	9168 45	2457 21	1649 00	244 62	3045 62
Dallas.....	3324 46	5871 07	3638 36	17882 89	8212 42	3332 32	8 10	1164 76
Davis.....	25029 87	7166 40	1048 56	33244 83	28777 92	2572 37	.....	770 02
Decatur.....	4243 46	5808 51	5040 44	15101 41	7832 60	4528 90	.....	1261 90
Delaware.....	2216 79	2781 00	389 42	5387 21	2228 29	504 90	11 85	1479 78
Des Moines.....	7981 79	18609 78	16988 21	33554 78	28577 18	8005 60	9 80	140 07
Dickinson.....	3617 48	5360 55	18400 00	22377 96	17153 27	1822 89	.....	799 25
Dubuque.....	1964 83	11774 08	268 31	14007 17	1371 48	10210 27	80 00	620 69
Emmet.....	2969 43	5921 77	9608 50	16494 70	11480 77	983 67	.....	607 32
Fayette.....	3798 78	9269 40	10784 61	23847 74	14269 81	4411 53	.....	486 71
Floyd.....	1649 69	11098 86	166 61	12914 96	4802 12	8082 11	.....	545 09
Franklin.....	1900 50	3111 49	2843 76	7853 75	3419 18	1618 43	.....	686 01
Fremont.....	2878 76	4780 51	364 82	8019 09	3949 76	1685 50	.....	918 19
Greene.....	2187 50	4927 41	869 91	7984 82	1877 90	1665 75	.....	3249 37
Grundy.....	3416 70	4812 18	2275 65	11504 48	2182 38	4437 36	.....	1874 37
Guthrie.....	4178 18	4462 09	406 90	9046 12	1909 46	2422 88	.....	1517 24
Hamilton.....	4384 58	11551 95	1723 90	17660 38	5769 82	5256 57	.....	2356 06
Hancock.....	8357 67	6597 51	9883 57	24833 95	9946 07	2018 72	.....	5580 29
Hardin.....	4830 83	9808 61	3022 37	18261 71	5320 25	5724 86	.....	1075 26
Harrison.....	7987 59	8724 15	4234 10	20945 83	8199 82	6732 96	.....	1041 36
Henry.....	1989 87	3548 34	3525 62	9018 83	1927 52	4940 92	.....	436 12
Howard.....	28 6 04	5236 70	56 69	8149 43	896 47	2897 14	.....	650 17
Humboldt.....	2682 67	3383 35	9500 00	15916 02	1202 87	1451 55	.....	870 44
Ida.....	2190 96	7484 00	5580 80	15255 76	251 55	7876 45	.....	4082 24
Iowa.....	14923 18	6298 19	2200 55	22891 82	10899 94	6158 28	1 25	1196 72
Jackson.....	2552 10	4481 86	5648 11	12626 87	5709 05	682 09	.....	3809 10
Jasper.....	4122 44	12191 46	634 47	16948 37	7464 57	1297 03	.....	4556 57

ITS FOR 1904—CONTINUED.

ES.

CONTINGENT FUND.

DEBIT.		Total debit or credit.	CREDIT.							
Received from district tax.	Received from schoolhouse fund and other sources.		Paid for fuel, rent, repairs, insurance and janitors.	Paid secretaries and treasurers.	Paid for records and apparatus.	Paid for library books and dictionaries.	Paid for free text-books.	Paid for general supplies.	Paid for other purposes.	On hand.
12305 56	609 47	28790 84	12265 48	1458 74	228 58	151 01	.....	583 09	1975 18	7187 73
22181 17	1019 76	17483 52	8980 48	1051 06	149 86	178 19	878 88	530 84	1066 50	5162 91
11069 70	1778 64	18047 45	7881 23	1065 82	164 52	81 72	78 28	978 83	1741 23	4212 83
19159 81	2867 08	30824 40	15743 56	1264 74	596 15	24 50	.....	388 16	682 96	11674 45
18878 40	2005 90	22718 17	18874 42	1265 95	504 73	22 15	628 82	.....	1781 09	4970 61
23401 57	1898 09	30878 99	17048 90	1861 80	.....	78 80	.....	.....	.....	14727 02
84047 72	5170 92	52968 95	24458 78	1700 89	1862 12	198 09	96 82	1511 92	12516 58	11202 86
22708 12	4190 01	38906 21	18474 91	2002 08	658 28	814 18	96 81	825 56	4808 65	7216 26
18576 02	1949 84	21499 51	18304 84	1179 67	268 19	124 48	25	602 49	686 78	5242 82
17822 80	1117 81	26741 71	14116 09	1511 35	121 62	108 70	11 04	1573 88	1849 20	7949 64
18808 31	3709 18	33416 80	16521 99	1803 58	709 45	129 90	482 41	976 97	3306 98	9686 63
18177 25	305 61	29170 87	11556 77	1683 79	877 74	208 99	8 50	1025 31	1574 29	12290 29
20484 20	4174 65	31911 83	17778 49	1646 81	2191 96	.....	675 68	2581 81	1379 22	5419 69
21147 04	6858 72	41878 89	28214 55	1458 65	814 96	607 76	472 91	2707 31	3440 14	.....
22788 22	1850 62	34600 24	19530 77	1798 76	1044 51	185 78	20 22	1115 71	2688 02	8227 47
17096 39	1410 48	30549 28	18718 74	1697 00	359 89	75 45	12 80	650 60	2144 38	11905 83
24728 05	7349 57	32700 55	20434 29	1461 35	1257 78	102 81	.....	896 92	6988 89	6550 06
10884 08	1417 24	30222 32	14670 65	1785 65	251 79	64 50	.....	1229 23	1129 09	11141 41
12618 21	5508 67	23351 07	12451 88	1109 79	500 79	44 35	5 70	2287 79	3739 87	3120 96
11056 28	282 46	10804 75	10680 38	929 07	89 15	72 28	.....	116 85	820 87	.....
12750 26	7738 65	25210 99	11991 62	1174 61	50 89	96 72	79 81	858 16	4462 40	6516 97
21834 38	2300 04	31991 25	16261 99	1823 08	1578 42	198 87	191 08	1799 59	2589 22	7613 05
40808 64	1880 09	54470 81	29182 27	2270 07	1464 46	408 45	2929 58	1721 75	6495 40	12008 84
28798 65	6001 87	48568 18	20805 08	1817 21	1878 04	25 18	218 53	3258 31	8128 40	7580 08
23680 72	5569 10	38287 88	18772 21	1452 87	261 35	210 50	.....	1716 22	5448 51	10426 72
2055 47	698 42	12069 65	8548 94	1112 21	24 58	8 40	.....	154 02	.....	1800 88
23629 68	3208 04	21758 03	12174 06	1844 94	708 44	91 86	124 09	475 84	2789 55	4099 78
14814 05	1714 89	23471 77	11900 84	1276 86	.....	.....	.....	400 61	2400 36	6640 04
27406 17	1804 07	40204 65	21794 48	1448 00	434 88	326 58	471 55	1486 12	10324 23	.....
28111 47	1250 18	15589 99	8998 11	907 56	116 92	88 17	.....	358 82	2757 97	2432 42
28884 80	847 08	40796 68	24602 89	8525 00	685 42	257 97	.....	1778 72	3324 77	.....
11305 02	3079 72	21249 09	12484 45	754 08	.....	28 74	.....	79 48	2022 17	4924 41
28411 00	821 27	39001 97	17277 89	.....	229 90	278 57	75 18	2052 84	4294 26	10080 58
18080 07	1212 89	25526 74	18722 29	988 40	372 68	151 06	5 82	1676 08	.....	5252 14
12890 78	5678 58	27434 82	15591 41	1639 45	45 71	90 18	58 56	696 49	1994 63	7812 42
14078 21	910 02	27192 80	18895 21	1314 82	999 26	125 14	11 21	148 78	1673 92	10123 06
18988 02	2660 12	31759 68	12758 87	1508 90	384 38	1243 41	412 62	2000 27	3640 49	9721 29
12844 12	384 24	20167 16	10657 86	1198 71	386 84	82 20	.....	85 58	682 16	8924 31
.....	1699 59	32554 84	19144 44	1262 81	453 74	68 68	.....	501 41	2417 85	8711 10
18118 61	2785 63	32783 60	15675 49	1587 89	663 72	106 59	2 15	2780 53	2035 90	10032 64
18902 00	3255 87	30088 90	18029 78	1163 50	188 29	78 00	318 45	2162 67	2053 49	8052 77
24289 58	2365 68	37740 43	19411 08	1774 88	79 26	139 98	.....	2527 69	1798 65	12020 76
22573 28	1888 02	37085 44	20903 09	1869 47	274 79	221 09	523 28	949 95	2344 82	11155 00
14122 64	1806 55	22808 29	11888 82	1211 08	1610 82	81 19	.....	161 80	2250 48	5149 34
12880 2	819 13	17880 16	11558 68	765 27	38 99	81 72	.....	252 43	452 21	4468 83
28541 89	1422 82	19759 18	9434 87	1028 41	430 58	98 82	5 00	553 00	3727 68	4435 77
14078 37	2862 30	21084 97	13858 06	1081 25	728 91	118 85	.....	.....	950 93	5408 97
19486 07	4668 42	31482 00	12905 22	1623 73	254 58	229 27	88 20	1086 31	6534 41	8771 23
28125 29	1858 23	34170 92	14465 75	1984 69	308 81	511 54	183 68	1688 89	5127 24	12212 62
21747 18	3911 99	38074 90	19902 99	.....	801 06	28 88	.....	1672 87	6069 82	.....

ABSTRACT [D].

VISITATION OF SCHOOLS, APPEALS, ETC., 1904.

COUNTY.	VISITATION OF SCHOOLS.		EDUCATIONAL MEETINGS.			APPEALS.	COMPENSATION OF CO. SPTS.	COLLEGE PRIVATE.	
	Schools visited by county superintendent.	Visits made during the year.	County associations.	Township meetings.	Educational meetings held.			Number.	Teachers employed.
Adair	54	96	Yes.	Yes.	15	1	\$ 1250 00	...	...
Adams	47	86	No.	Yes.	5	...	1250 00	...	5
Allamakee	84	87	No.	...	...	8	1250 00	8	10
Appanoose	80	80	Yes.	Yes.	...	...	1250 00	...	...
Audubon	47	58	Yes.	Yes.	11	1	1250 00	...	...
Benton	110	127	Yes.	Yes.	10	...	1250 00	7	25
Black Hawk	25	30	No.	No.	8	...	1250 00	6	30
Boone	90	90	Yes.	No.	8	...	1250 00	1	5
Bremer	110	132	Yes.	Yes.	8	...	1250 00	14	24
Buchanan	160	160	No.	No.	...	...	1250 00	4	11
Buena Vista	102	109	Yes.	Yes.	1	...	1250 00	1	15
Butler	177	190	Yes.	Yes.	6	...	1250 00	...	...
Calhoun	120	136	Yes.	No.	8	2	1250 00	...	...
Carroll	46	50	No.	Yes.	8	...	1250 00	7	22
Cass	80	...	Yes.	Yes.	12	...	1250 00	...	...
Cedar	68	70	Yes.	...	2	1	1249 94	4	5
Cerro Gordo .....	...	...	Yes.	No.	...	...	1249 99	4	20
Cherokee	162	200	Yes.	No.	14	...	1249 96	2	6
Chickasaw	75	90	Yes.	...	2	...	1250 00	7	26
Clarke .....	...	...	Yes.	Yes.	...	...	1250 00	...	...
Clay	120	133	Yes.	No.	5	...	1250 00	1	...
Clayton	170	190	No.	Yes.	7	...	1250 00	2	10
Clinton	167	219	Yes.	Yes.	15	2	1250 00	15	55
Crawford	114	114	Yes.	No.	10	...	1250 00	8	19
Dallas	162	176	Yes.	Yes.	13	...	1250 00	1	4
Davis .....	...	...	Yes.	No.	...	...	1250 00	1	5
Decatur	80	70	Yes.	No.	1	...	1250 00	1	8
Delaware	90	95	No.	No.	1	...	1250 00	2	23
Des Moines	43	46	...	...	2	...	1250 00	4	22
Dickinson	80	104	Yes.	No.	8	2	1250 00	...	...
Dubuque	184	163	Yes.	Yes.	8	...	1500 00	23	171
Emmet	100	332	Yes.	Yes.	8	...	1250 00	...	...
Fayette	70	75	Yes.	Yes.	16	...	1250 00	7	31
Floyd	161	177	No.	No.	8	...	1250 00	3	29
Franklin	105	110	No.	Yes.	6	...	1250 00	1	...
Fremont	143	143	No.	No.	2	...	1250 40	1	19
Greene	85	85	Yes.	...	2	...	1250 00	1	8
Grundy	80	80	No.	No.	...	...	1250 00	...	...
Guthrie	40	45	Yes.	Yes.	9	1	1250 00	...	...
Hamilton	102	112	Yes.	No.	4	...	1250 00	...	...
Hancock	122	146	No.	No.	7	1	1250 00	...	...
Hardin	156	173	Yes.	Yes.	3	...	1250 00	2	17
Harrison	70	...	No.	No.	4	...	1250 00	1	...
Henry	85	50	Yes.	Yes.	13	...	1250 00	7	45
Howard	103	143	No.	No.	2	...	1277 85	8	9
Humboldt	121	174	Yes.	Yes.	6	...	1250 00	1	13
Ida	108	205	Yes.	Yes.	13	...	1250 00	...	...
Iowa	140	160	Yes.	Yes.	20	1	1250 00	3	4
Jackson	54	61	No.	No.	4	...	1250 00	...	...
Jasper	100	100	No.	Yes.	20	...	1250 00	1	3

REPORTS FOR 1904—CONTINUED.

ANCES.

CONTINGENT FUND.

DEBIT.		CREDIT.									
Received from district tax.	Received from schoolhouse fund and other sources.	Total debit or credit.	Paid for fuel, rent, repairs, insurance and janitors.	Paid secretaries and messengers.	Paid for records and apparatus.	Paid for library books and dictionaries.	Paid for free text-books.	Paid for general supplies.	Paid for other purposes.	On hand.	
7877 61	1580 07	15855 80	8108 50	1095 97	179 30	160 68	.....	889 18	865 48	4529 29
24084 15	4597 04	85718 99	18822 87	1874 00	1545 07	176 48	.....	5544 96	5898 83	6240 08
18480 07	4599 02	80112 80	18804 28	1885 04	239 07	117 98	92 92	1508 87	1987 28	8982 41	
21486 78	2773 15	81608 28	14805 62	1848 88	616 73	108 81	8 00	494 65	8966 21	9855 48	
28779 41	1886 64	89118 67	21261 28	1958 91	684 75	288 15	7 97	956 88	2110 47	11868 87	
28154 80	1006 11	39429 54	16897 75	1582 45	851 86	50 15	18 90	1187 71	2988 49	5917 78	
64192 54	18880 64	92888 88	58113 70	3828 47	718 87	415 02	5898 08	5150 28	14689 95	9075 21	
11808 45	1888 68	17812 81	7711 66	1017 49	207 68	174 98	.....	618 18	8692 85	3689 47
12761 04	1171 80	17564 98	11045 86	1168 20	574 58	72 79	15 76	274 00	982 98	3441 01	
18765 72	1194 89	81008 26	15545 10	1784 69	324 98	70 47	204 72	480 80	1459 59	11126 48	
17892 64	918 08	28297 78	14371 60	1076 84	21 81	22 39	.....	1094 77	1615 56	7195 75
18797 10	3085 88	35580 18	20841 96	1770 58	387 28	187 84	7 98	228 82	2890 90	9680 98	
20612 47	1257 89	82610 97	14177 80	1840 14	1167 21	148 76	5 00	1247 02	2429 95	11600 59	
20892 86	4068 28	42145 80	21411 47	1681 88	575 85	1089 66	2698 92	8192 10	2560 71	9098 27	
18777 22	8284 27	25478 47	11641 06	1444 41	661 02	68 70	607 10	568 62	3256 01	7247 95	
18015 28	2637 06	24000 76	11609 67	982 96	272 11	70 15	.....	1064 89	1640 54	8380 74
22073 89	4596 35	83655 89	18520 10	1010 66	1087 69	74 82	.....	1902 29	5330 58	7759 80
9874 89	2988 07	16840 44	8108 78	1204 80	220 92	310 96	11 70	563 87	2489 52	8079 95	
14429 62	6169 42	32571 28	19778 56	1079 88	747 86	11 00	.....	1194 25	1937 17	7902 57
28590 40	3261 01	80675 80	18742 08	1685 12	216 44	80 61	50 51	6290 11	4634 79	3185 69	
28144 05	3484 14	82827 18	10028 87	1897 94	277 32	96 11	12 00	1668 88	3958 67	8400 88	
16545 79	707 08	17812 68	9460 72	920 25	503 28	92 17	.....	888 54	868 68	5128 48
22750 18	2884 19	35634 86	16801 81	1807 08	166 35	87 75	418 15	1462 49	3090 88	11810 88	
16420 70	888 92	20088 56	11780 24	1078 80	286 72	98 15	.....	322 86	1025 66	5498 63
22590 85	1028 14	32656 87	16597 51	2482 50	718 92	837 10	.....	247 60	3241 08	9352 16
16705 78	1822 04	26561 79	14623 85	1357 90	148 77	52 76	149 74	788 00	8060 28	6348 99	
118874 22	9071 89	135180 90	98444 20	4808 29	543 60	476 21	2472 06	3891 67	12910 68	12374 24	
98298 81	6196 89	97780 08	57764 80	8144 88	1240 41	163 57	4342 28	3387 88	8996 16	13980 68	
20815 94	8968 80	58078 10	18117 58	1312 69	509 24	243 40	790 49	3239 21	1400 67	7559 77	
12818 70	780 82	20980 59	11969 80	1242 75	506 19	80 20	12 50	92 70	467 55	6640 40	
16880 91	8504 40	29008 22	16377 88	1288 79	581 82	268 95	4 74	829 98	2208 12	7668 54	
73240 97	9723 61	98968 69	45188 28	3006 85	511 01	889 05	.....	8698 50	19 65 08	10944 94
19971 02	2126 86	32669 80	18742 77	2312 55	332 91	487 17	141 63	9016 84	262 81	12878 12	
26845 85	8982 40	39980 49	21861 12	2482 58	580 54	187 49	188 72	1180 81	2291 74	8242 49	
24873 14	7186 88	40688 64	22606 43	1560 78	726 09	221 45	258 69	1662 93	4660 28	6836 00	
28593 40	8775 81	40866 06	17629 75	2181 87	402 74	290 66	220 37	1404 62	8967 96	14940 69	
17788 98	882 69	27097 72	18079 40	1800 57	394 81	17 08	4 88	542 63	2636 84	6782 51	
18088 22	5849 44	27856 76	18835 86	1164 40	118 11	223 88	39 30	2860 14	5506 28	3549 49	
9686 08	406 70	15508 71	8019 06	988 56	55 74	29 56	139 32	450 93	1089 67	4729 90	
20704 88	1918 76	39168 89	24535 85	1348 46	2357 46	15 85	17 57	900 42	4601 40	4582 86	
16852 54	4408 41	28417 81	12994 26	1490 99	778 71	85 74	.....	1710 46	2905 68	9102 62
14876 12	2074 49	25141 52	13981 89	1441 18	404 98	120 82	12 25	151 00	2345 92	6877 48	
18406 96	2900 33	19808 16	9834 74	908 90	124 10	4 10	31 27	459 54	3314 49	5906 96	
27640 57	2802 90	38866 26	23398 43	1837 94	415 28	285 56	10 04	832 78	3026 11	9030 18	
19708 06	1623 42	24042 84	10688 72	944 65	393 04	78 35	30 18	408 18	4873 96	6675 77	
14820 13	1477 19	21509 24	12887 28	1877 80	485 52	118 77	10 35	953 49	1341 28	4835 90	
65809 69	6838 82	90546 47	61195 14	2494 12	1832 55	461 88	594 96	596 43	4132 10	9739 77	
6664 91	1280 80	15869 19	7256 94	728 87	142 65	87 66	2 80	812 50	1656 88	3717 09	
22805 78	4868 17	36884 80	21973 84	1578 50	657 09	75 57	.....	1845 81	2440 88	8494 61
2181104 88	201977 67	339976 29	178080 78	158620 14	54324 72	10932 48	28009 77	101810 28	381867 94	72541 51	

ABSTRACT [

EXAMINATI

COUNTIES.	1st grade certificates issued.		2d grade certificates issued.		3d grade certificates issued.		Special certificates issued.		Kindergarten certificates issued.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adair	9	41	4	74	20	128	.....	.....	.....	.....
Adams	7	28	30	155	.....	.....	.....	.....	.....	.....
Allamakee	1	6	11	79	7	104	.....	.....	.....	.....
Appanoose	8	14	25	102	10	92	1	.....	.....	.....
Audubon	8	21	18	75	12	90	.....	.....	.....	.....
Benton	4	46	26	159	.....	.....	.....	.....	.....	.....
Black Hawk	8	38	12	183	.....	.....	1	.....	.....	.....
Boone	11	45	12	127	10	84	.....	.....	.....	.....
Bremer	2	30	18	138	.....	.....	.....	.....	.....	.....
Buchanan	10	60	28	151	2	.....	.....	.....	.....	.....
Buena Vista	9	30	7	120	1	18	.....	.....	.....	.....
Butler	10	42	20	157	.....	.....	.....	.....	.....	.....
Calhoun	6	44	8	146	4	65	.....	.....	.....	.....
Carroll	4	60	12	70	4	24	2	.....	.....	.....
Cass	5	50	5	192	.....	.....	.....	.....	.....	.....
Cedar	5	28	14	141	2	28	.....	.....	.....	.....
Cerro Gordo	7	34	14	171	8	37	1	.....	.....	.....
Cherokee	4	27	12	180	8	48	.....	.....	.....	.....
Chickasaw	4	18	8	70	9	50	4	.....	.....	.....
Clarke	8	17	11	56	23	84	.....	.....	.....	.....
Clay	4	44	11	114	8	51	.....	.....	.....	.....
Clayton	4	19	20	146	18	57	4	.....	.....	.....
Clinton	6	21	7	168	18	168	8	.....	.....	.....
Crawford	10	44	12	174	8	78	1	.....	.....	.....
Dallas	5	27	23	208	10	45	.....	.....	.....	.....
Davis	18	5	18	45	9	62	.....	.....	.....	.....
Decatur	8	23	11	81	19	103	.....	.....	.....	.....
Delaware	8	17	8	65	1	64	.....	.....	.....	.....
Des Moines	4	18	18	158	.....	.....	8	.....	.....	.....
Dickinson	9	14	4	83	1	11	.....	.....	.....	.....
Dubuque	5	8	4	168	.....	102	2	.....	.....	.....
Emmet	8	22	8	70	1	37	.....	.....	.....	.....
Fayette	4	30	9	141	5	31	5	.....	.....	.....
Floyd	4	28	10	160	.....	.....	4	.....	.....	.....
Franklin	2	14	12	96	10	67	1	.....	.....	.....
Fremont	8	19	6	132	6	55	.....	.....	.....	.....
Greene	5	20	10	133	5	34	.....	.....	.....	.....
Grundy	7	21	16	109	.....	.....	.....	.....	.....	.....
Guthrie	11	47	15	90	22	107	.....	.....	.....	.....
Hamilton	2	10	7	108	9	97	4	.....	.....	.....
Hancock	9	24	18	142	5	50	1	.....	.....	.....
Hardin	4	24	18	120	14	85	2	.....	.....	.....
Harrison	8	40	10	138	.....	.....	1	.....	.....	.....
Henry	7	21	21	124	8	33	.....	.....	.....	.....
Howard	8	36	8	98	4	40	.....	.....	.....	.....
Humboldt .....	.....	10	8	98	8	69	.....	.....	.....	.....
Ida	6	20	7	88	4	30	.....	.....	.....	.....
Iowa	4	27	22	120	8	65	1	.....	.....	.....
Jackson	4	16	9	108	5	79	.....	.....	.....	.....
Jasper	8	28	32	242	.....	.....	.....	.....	.....	.....

RTS FOR 1904.

ACHERS.

Applicants rejected.	Applicants examined.		Different persons licensed.		Average age of applicants.		No experi- ence in teaching.	Taught less than one year.		Holding state cer- tificates or di- plomas.	
	Females.	Males.	Females.	Males.	Females.	Males.		Females.	Males.	Females.	Males.
31	36	275	38	196	26	21	9	45	8	29	4
46	46	291	24	143	25	20	1	20	2	22	1
42	21	239	12	143	25	21	4	23	2	21	3
51	56	277	46	211	25	22	10	31	6	17	4
33	31	219	20	190	23	22	5	30	5	31	4
33	29	243	25	200	23	22	5	31	15	30	7
73	24	308	22	230	23	21	4	27	6	43	39
13	35	276	39	190	25	22	4	19	5	44	25
16	18	185	14	147	21	20	4	19	5	32	5
7	26	220	28	173	24	22	9	49	8	41	41
22	19	185	15	181	23	21	1	13	14	76	29
56	27	245	30	199	25	21	8	32	4	7	23
27	26	283	14	206	26	23	2	33	4	30	11
55	28	216	22	161	23	21	2	7	5	30	10
64	11	320	10	180	23	21	3	33	4	30	10
18	22	217	22	171	25	22	5	30	2	19	16
68	40	316	28	231	23	23	11	30	10	32	14
60	20	300	17	160	27	23	2	22	5	19	13
31	29	199	7	150	21	24	3	15	8	31	6
25	46	184	28	109	25	21	8	14	8	12	8
12	24	224	10	161	27	22	2	13	3	64	5
72	50	296	37	233	27	22	12	21	5	9	5
51	32	411	20	322	28	24	7	40	1	29	7
38	27	339	19	231	27	24	2	29	4	32	6
19	39	297	34	224	26	20	9	41	17	79	14
17	40	129	40	108	26	23	12	29	4	20	2
15	41	223	33	169	22	22	13	40	4	25	5
39	7	182	7	136	25	19	1	28	1	36	3
8	32	195	25	170	32	26	4	30	1	16	33
25	15	134	15	110	25	26	1	19	1	9	7
15	11	308	22	237	26	26	3	13	3	16	3
27	7	161	7	111	27	23	2	21	.....	8	11
11	34	308	23	243	22	21	5	26	5	41	10
47	13	243	7	159	24	21	5	21	1	15	21
63	36	244	20	149	23	21	6	26	4	15	10
18	24	219	19	198	21	20	4	25	2	6	3
10	30	246	23	239	20	22	4	15	1	16	5
9	31	151	23	126	21	19	2	24	3	11	3
1	20	264	45	201	28	23	14	26	3	31	3
4	45	259	18	133	26	22	5	29	5	36	10
10	43	255	24	149	26	22	5	20	3	37	9
9	47	234	20	135	24	21	6	56	7	59	19
5	30	255	14	174	20	19	2	43	.....	17	24
2	33	317	27	152	26	23	9	36	3	22	1
3	18	196	14	175	23	20	4	19	2	16	6
1	37	217	10	157	23	23	3	15	4	27	3
3	17	136	12	117	24	24	3	15	5	23	3
3	37	246	22	162	31	22	6	34	11	62	7
1	19	209	19	204	29	26	8	49	1	23	3
9	44	440	29	217	26	24	3	33	5	32	16

ABSTRACT

EXAMINED

COUNTIES.	1st grade certificates issued.		2d grade certificates issued.		3d grade certificates issued.		Special certificates issued.		H S C E R T I F I C A T E S
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Jefferson.....	6	13	13	121	3	51			2
Johnson.....	1	23	30	273			3		22
Jones.....	4	30	14	130					
Keokuk.....	11	35	42	234					4
Kossuth.....	10	32	8	103	4	35			1
Lee.....	6	10	9	143	6	56	4		8
Linn.....	3	13	21	169	7	123	2		13
Louis.....	2	19	6	49	16	71			
Lucas.....		15	3	32	25	96			
Lyon.....	5	24	16	98	8	17	1		5
Madison.....	3	13	10	151	4	73			
Mahaska.....	2	11	13	80	31	230	2		5
Marion.....	7	15	13	55	21	87	1		5
Marshall.....	1	16	17	113	9	109	1		9
Mills.....	3	17	9	30	2	23			3
Mitchell.....	5	12	4	132					1
Monona.....	4	40	4	122	1	43			
Monroe.....	4	11	7	52	12	31			11
Montgomery.....	10	31	12	94	4	45			3
Muscatine.....	2	37	8	33	3	36			3
O'Brien.....	7	40	13	103	13	74	1		4
Oceola.....	3	13	9	79	1	27			1
Page.....	5	20	3	120	12	72	1		5
Palo Alto.....	1	47	5	91	2	13	1		4
Plymouth.....	4	25	14	140	3	33			2
Pocahontas.....	3	53	14	71	7	23			
Polk.....	4	34	20	193			20		193
Pottawattamie.....	3	124	17	259			2		12
Poweshiek.....	7	40	7	101	6	53			11
Ringgold.....	6	23	14	33	7	36			2
Sac.....	10	33	5	95	7	100			
Scott.....	3	5	30	233			7		30
Shelby.....	10	19	20	127			10		10
Sioux.....	13	47	21	120	11	74			5
Story.....	5	5	33	200	1	35			3
Tama.....	11	30	24	135			1		1
Taylor.....	6	36	7	111	9	47	1		1
Union.....	3	25	13	37	9	44	2		3
Van Buren.....	4	17	12	76	13	73			1
Wapello.....	5	13	10	137	7	34	4		5
Warren.....	6	21	11	123	11	37			1
Washington.....	6	24	27	203					
Wayne.....	11	3	31	95	24	103			
Webster.....	1	43	30	133	3	43			5
Winnebago.....	3	27	13	102	1	43			7
Winnechek.....	6	10	14	125	10	54			5
Woodbury.....	12	37	3	142		30	3		3
Worth.....	3	13	14	30					
Wright.....	3	33	11	145	12	31	1		4
Total.....	553	2733	1335	12359	330	4960	131		602

REPORTS FOR 1904—CONTINUED.

OF TEACHERS.

Total number issued.		Applicants rejected.		Applicants Examined.		Different persons licensed.		Average age of applicants.		No experience in teaching.		Taught less than one year.		Holding state certificate or diploma.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
21	187	2	24	24	211	18	140	27	23	4	33	3	31	4	7
22	200	2	10	47	100	30	182	31	22	2	51	3	58	5	11
23	108	.....	97	18	238	16	117	25	33	4	28	2	20	5	7
24	273	5	43	38	.....	43	100	26	24	8	33	8	19	.....	6
25	24	16	141	38	371	17	191	24	20	.....	.....	.....	.....	7	14
26	230	.....	9	25	236	22	206	35	37	2	.....	2	27	4	8
27	267	7	109	40	445	32	578	25	22	6	42	10	34	12	27
28	129	4	85	23	174	19	127	27	22	5	24	5	29	3	5
29	100	5	27	35	187	23	100	23	25	2	3	4	8	4	.....
30	144	.....	5	30	149	25	184	32	21	5	30	8	14	6	12
31	242	.....	93	17	308	16	228	26	25	6	.....	7	44	5	4
32	231	1	83	29	404	33	373	24	23	5	36	5	51	8	2
33	174	2	95	44	269	33	148	25	23	5	20	5	17	3	5
34	237	3	68	31	340	20	200	25	24	4	27	1	13	6	40
35	126	1	27	20	155	17	105	32	23	2	19	.....	22	3	7
36	145	.....	20	9	165	10	133	24	23	.....	20	4	12	6	3
37	204	1	17	10	211	9	180	25	21	2	33	1	30	4	4
38	155	3	47	25	203	21	132	27	22	2	16	6	10	2	7
39	173	.....	9	26	182	24	173	.....	.....	5	27	4	45	2	9
40	196	1	5	19	201	16	162	23	25	2	25	.....	40	4	5
41	232	.....	18	41	233	31	.....	25	22	8	49	11	35	5	21
42	126	1	29	16	155	15	112	27	22	1	12	1	35	1	8
43	317	7	65	33	232	20	182	23	23	5	32	4	13	10	23
44	160	7	72	16	233	7	137	23	20	4	43	4	76	2	6
45	301	2	33	23	234	.....	190	23	22	1	41	1	64	5	4
46	164	5	61	32	215	22	136	24	22	7	29	15	59	5	13
47	335	8	78	52	604	40	518	32	27	9	90	16	115	2	30
48	412	15	92	42	504	20	.....	25	33	8	75	5	50	13	33
49	211	4	30	23	241	19	174	.....	.....	6	34	5	42	4	8
50	218	9	74	36	237	24	167	.....	23	5	40	2	55	4	2
51	340	.....	56	22	236	14	161	29	23	4	21	5	8	3	9
52	321	.....	14	43	335	39	239	31	23	6	22	3	13	10	1
53	136	10	33	50	189	40	156	24	23	5	45	5	50	4	5
54	247	5	37	53	234	41	192	26	22	11	33	7	34	4	9
55	243	5	21	64	234	25	156	20	22	12	75	12	100	5	9
56	225	6	63	42	239	30	210	26	22	6	43	8	25	2	.....
57	195	1	30	13	275	14	175	25	22	2	20	3	40	3	6
58	189	1	8	23	177	25	170	25	23	1	17	2	11	4	3
59	172	5	8	30	180	23	130	26	23	10	23	3	16	4	1
60	314	4	72	30	335	13	227	27	24	1	31	1	22	3	15
61	215	6	4	33	219	27	204	31	20	5	43	5	77	5	6
62	225	7	70	40	305	27	181	24	22	7	25	6	19	6	13
63	305	.....	7	66	213	60	156	.....	.....	6	46	10	30	2	3
64	237	5	34	32	331	24	230	22	23	7	47	5	40	3	13
65	179	.....	15	23	194	20	121	24	21	3	40	3	16	3	7
66	195	23	121	56	316	25	152	25	23	3	9	9	37	3	8
67	130	4	33	32	272	23	242	33	22	3	55	1	25	10	27
68	93	4	16	21	104	17	83	24	22	2	16	11	9	3	1
69	233	1	21	33	254	24	153	21	23	7	47	.....	.....	7	16
70	2190	422	4125	3107	25153	2236	17922	*25	*23	498	2031	430	3314	452	114

Average.

ABSTRACT [D].

VISITATION OF SCHOOLS, APPEALS, ETC., 1904.

COUNTIES.	VISITATION OF SCHOOLS.		EDUCATIONAL MEETINGS			APPEALS.	COMPENSATION OF CO. SUPTS.	COLLEGES AND PRIVATE SCHOOLS			
	Schools visited by county superintendent.	Visits made during the year.	County associations.	Township meetings.	Educational meetings held.			Number.	Teachers employed.	Students attending.	Number of graduates, 1904.
Adair	94	86	Yes.	Yes.	18	1	\$ 1250 00	...	...	...	...
Adams	47	60	No.	Yes.	6	...	1250 00	1	5	68	9
Allamakee	84	87	No.	...	...	3	1250 00	8	10	853	7
Appanoose	80	80	Yes.	Yes.	...	...	1250 00	...	...	...	...
Audubon	47	53	Yes.	Yes.	11	1	1250 00	...	...	...	...
Benton	110	127	Yes.	Yes.	10	...	1250 00	7	25	732	65
Black Hawk	23	80	No.	No.	3	...	1250 00	6	80	3171	239
Boone	80	90	Yes.	No.	3	...	1250 00	1	5	120	3
Bremner	110	122	Yes.	Yes.	3	...	1250 00	14	24	690	142
Buchanan	180	180	No.	No.	...	...	1250 00	4	11	202	2
Buena Vista	102	109	Yes.	Yes.	1	...	1250 00	1	15	304	6
Butler	177	190	Yes.	Yes.	6	...	1250 00	...	...	...	...
Calhoun	120	136	Yes.	No.	3	2	1250 00	...	...	...	...
Carroll	46	50	No.	Yes.	3	...	1250 00	7	22	966	28
Cass	30	...	Yes.	Yes.	12	...	1250 00	...	...	...	...
Cedar	68	70	Yes.	...	2	1	1249 94	4	5	172	73
Cerro Gordo .....	...	...	Yes.	No.	...	...	1249 99	4	26	625	25
Cherokee	132	200	Yes.	No.	14	...	1249 96	2	6	183	6
Chickasaw	75	90	Yes.	...	2	...	1250 00	7	26	642	4
Clarke .....	...	...	Yes.	Yes.	...	...	1250 00	...	...	...	...
Clay	120	153	Yes.	No.	6	...	1250 00	1	...	45	10
Clayton	170	190	No.	Yes.	7	...	1250 00	2	10	385	...
Clinton	167	219	Yes.	Yes.	16	2	1250 00	15	55	1450	126
Crawford	114	114	Yes.	No.	10	...	1250 00	8	19	642	37
Dallas	152	176	Yes.	Yes.	13	...	1250 00	1	4	140	9
Davis .....	...	...	Yes.	No.	...	...	1250 00	1	5	273	36
Decatur	80	70	Yes.	No.	1	...	1250 00	1	8	124	8
Delaware	90	95	No.	No.	1	...	1250 00	2	23	342	13
Des Moines	43	46	...	...	2	...	1250 00	4	22	913	...
Dickinson	80	104	Yes.	No.	3	10	1250 00	...	...	...	...
Dubuque	134	163	Yes.	Yes.	3	...	1500 00	23	171	5630	214
Emmet	109	332	Yes.	Yes.	6	...	1250 00	...	...	...	...
Fayette	70	75	Yes.	Yes.	16	...	1250 00	7	31	527	19
Floyd	161	177	No.	No.	3	...	1250 00	3	29	484	64
Franklin	106	110	No.	Yes.	3	...	1250 00	1	...	...	...
Fremont	148	143	No.	No.	2	...	1250 40	1	13	166	9
Greene	85	85	Yes.	...	2	...	1250 00	1	3	70	...
Grundy	60	60	No.	No.	...	...	1250 00	...	...	...	...
Guthrie	49	45	Yes.	Yes.	9	1	1250 00	...	...	...	...
Hamilton	102	112	Yes.	No.	4	...	1250 00	...	...	...	...
Hancock	122	146	No.	No.	7	1	1250 00	...	...	...	...
Hardin	156	173	Yes.	Yes.	3	...	1250 00	2	...	446	43
Harrison	70	...	No.	No.	4	...	1250 00	1	...	...	...
Henry	35	50	Yes.	Yes.	18	...	1250 00	7	45	1184	35
Howard	103	143	No.	No.	2	...	1267 86	3	9	253	39
Humboldt	121	174	Yes.	Yes.	6	...	1250 00	1	13	374	36
Ia.	103	205	Yes.	Yes.	13	...	1250 00	...	...	...	...
Iowa	140	160	Yes.	Yes.	20	1	1250 00	3	4	193	30
Jackson	56	61	No.	No.	4	...	1250 00	...	...	...	...
Jasper	100	100	No.	Yes.	30	...	1250 00	1	3	35	20

ABSTRACT [D]—CONTINUED.

VISITATION OF SCHOOLS, APPEALS, ETC., 1904.

COUNTIES.	VISITATION OF SCHOOLS.		EDUCATIONAL MEETINGS.			APPEALS.	O'M'S'SATION OF CO. SUTPS.	COLLEGES AND PRIVATE SCHOOLS.			
	Schools visited by county superintendent.	Visits made during the year.	County associations.	Township meetings.	Educational meetings held.			Number.	Teachers employed.	Students attending.	Number of graduates 1904.
Jefferson.....	125	152	Yes..	No..	2	1	1250 00	8	25	864	21
Johnson.....	102	102	Yes..	Yes..	25		1250 00	9	178	2188	471
Jones.....	70	75	Yes..	No..	2		1250 00				
Keokuk.....	74	88	Yes..	Yes..	30		1250 00				
Kossuth.....	92	92	Yes..	Yes..	9	1	1475 00	6	18	484	80
Lee.....	84	90	No..	No..	8		1250 00	2	7	175	18
Linn.....	120	142	Yes..	No..	6	1	1250 00	7	82	1883	188
Louis.....	86	97	No..	No..	4		1250 00				
Lucas.....	84	84	Yes..		2		1250 00	2	5	115	
Lyon.....	55	64	Yes..	Yes..	14	1	1250 00	1	4	100	
Madison.....	117	117	Yes..	Yes..	4		1250 00				
Mahaska.....	75	75	No..	No..	5		1250 00	2	22	587	27
Marion.....	60	62	Yes..	Yes..	9		1250 00	1	14	290	7
Marshall.....	215	235	No..		2		1250 00	7	22	542	58
Mills.....	70	70	Yes..	No..	2		1250 00				
Mitchell.....	134	180	Yes..	No..	24		1250 00	5	25	521	21
Monona.....	158	178	Yes..	Yes..	5	1	1250 00				
Monroe.....	94	94	No..	Yes..	8	2	1250 00				
Montgomery.....	124	150	Yes..	No..	4		1250 00				
Muscatine.....	88	176	Yes..	No..	3		1250 00	4	11	460	31
O'Brien.....	146	232	Yes..	No..			1250 00	1	2	94	17
Ooscota.....	50	120	Yes..	Yes..	10		1250 00	4	7	250	6
Page.....	182	192	Yes..	No..	9		1250 00	2	38	1018	75
Palo Alto.....	72	75	Yes..	Yes..	9		1250 00	1	8	257	4
Plymouth.....	125	132	Yes..		9		1250 00	6	24	805	7
Pocahontas.....	91	93	Yes..	No..	1		1250 00				
Polk.....	95	109	No..	No..	12	2	1500 00	10	253	6151	781
Pottawattamie.....	125	170	No..	No..	9	2	1800 00	6	30	1118	50
Poweshiek.....	78	78	No..	No..	15		1250 00	1	40	580	58
Ringgold.....	62		Yes..	Yes..	8		1250 00				
Sac.....	74	84	Yes..	No..	2		1500 00	1	8	100	2
Scott.....	121	140	Yes..	No..	8		1490 00	12	66	1545	102
Shelby.....	100	200	Yes..	Yes..	100	1	1250 00				
Sioux.....	80	82	Yes..	No..	8		1250 00	5	22	501	41
Story.....	90	96	Yes..	Yes..	14		1250 00	1	95	1412	125
Tama.....	102	130	No..	Yes..	20	1	1250 00	8	19	489	14
Taylor.....	67	67	Yes..	No..	6	1	1250 50				
Union.....	122	181	Yes..	Yes..	5		1250 00	1	4	208	
Van Buren.....	9	9	Yes..	Yes..	1	1	1250 00				
Wapello.....	74	78	No..	No..			1296 00	3	13	519	100
Warren.....	115	130	Yes..	Yes..	3		1250 00	1	34	779	37
Washington.....	85	87	No..	Yes..	1		1250 00	4	18	420	38
Wayne.....	109	175	Yes..	Yes..	6		1250 00				
Webster.....	121	139	Yes..	No..	2		1250 00	8	35	943	91
Winnebago.....	92	120	Yes..	No..	2		1250 00	1	8	126	15
Winnebuck.....	85	108	No..	Yes..	5	1	1250 00	9	53	1741	234
Woodbury.....	121	142	Yes..	Yes..	8		1562 50	7	38	2150	166
Worth.....	102	182	Yes..	Yes..	4		1250 00				
Wright.....	201	296	Yes..	Yes..	56		1250 00	1	6	140	5
Total.....	9452	11465			800	31	1272 62	289	1283	50634	4190

ABSTRACT [D]—CONTINUED.

SUMMARY OF SUPERINTENDENTS' WORK, 1904.

COUNTIES.	Schoolrooms.	Separate visits to schools.	Teachers necessary.	Applicants examined.	Certificates granted.	COUNTIES.	Schoolrooms.	Separate visits to schools.	Teachers necessary.	Applicants examined.	Certificates granted.
Adair	165	96	165	311	277	Jones	182	75	186	271	304
Adams	189	80	189	274	222	Keokuk	202	88	202	374	335
Allamakee	159	87	156	260	216	Kossuth	207	92	204	409	252
Appanoose	194	90	205	335	276	Lee	206	90	216	261	345
Andubon	128	58	152	250	214	Linn	400	142	400	686	370
Benton	228	127	238	282	235	Louis	116	97	123	202	198
Black Hawk	246	90	268	327	248	Lucas	127	84	130	223	153
Boone	224	90	233	310	290	Lyon	169	64	166	179	174
Bremer	199	132	190	203	184	Madison	174	117	175	325	339
Buchanan	193	160	196	256	248	Mahaska	226	75	235	443	306
Buena Vista	176	109	178	204	190	Marion	201	68	201	313	236
Butler	188	100	185	242	229	Marshall	239	225	240	371	285
Calhoun	184	136	198	314	279	Miller	182	70	182	178	147
Carroll	187	50	182	242	183	Mitchell	189	180	189	174	154
Cass	197	70	197	331	266	Monroe	192	176	195	231	212
Cedar	179	70	188	239	220	Monroe	144	94	148	225	173
Cerr Gordo	200	212	212	356	278	Montgomery	166	150	165	206	199
Cherokee	174	200	182	280	219	Muscatine	180	176	186	220	214
Chickasaw	147	90	159	218	183	O'Brien	188	232	192	276	208
Clarke	128	181	131	236	196	Oceola	118	130	114	171	141
Clay	153	153	161	248	230	Page	192	192	195	314	243
Clayton	229	190	234	346	265	Palo Alto	158	75	171	248	169
Clinton	297	219	331	448	339	Plymouth	222	182	222	267	228
Crawford	219	114	227	306	227	Pocahontas	178	91	174	247	189
Dallas	216	176	216	336	316	Polk	478	169	605	656	379
Davis	128	125	125	169	147	Pottawattamie	412	170	450	546	439
Decatur	169	70	166	264	246	Poweshiek	191	78	196	264	230
Delaware	178	55	179	199	160	Ringgold	165	68	166	323	240
Des Moines	218	46	219	227	217	Sac	179	86	186	318	262
Dickinson	98	104	105	149	123	Scott	297	140	322	378	354
Dubuque	263	169	253	319	304	Shelby	181	300	181	230	194
Emmet	107	332	110	168	141	Sioux	237	82	238	337	265
Fayette	248	75	248	342	271	Story	218	93	202	328	302
Floyd	178	177	174	261	214	Tama	330	130	241	351	262
Franklin	168	110	170	280	207	Taylor	171	67	172	298	213
Fremont	172	148	276	243	226	Union	171	181	171	306	196
Greene	174	85	185	276	207	Van Buren	149	9	150	219	206
Grundy	150	60	156	183	153	Wapello	213	78	251	416	343
Guthrie	199	45	201	313	292	Warren	177	130	182	252	243
Hamilton	184	112	187	285	236	Washington	171	87	184	345	283
Hancock	161	148	167	298	250	Wayne	186	175	169	279	272
Hardin	206	178	212	331	273	Webster	257	139	290	368	234
Harrison	214	225	274	169	212	Winnebago	122	120	122	217	204
Henry	140	50	150	250	212	Winneshiek	180	108	186	372	225
Howard	129	148	132	214	198	Woodbury	404	142	404	304	254
Humboldt	144	174	144	229	191	Worth	109	182	109	125	105
Ida	128	205	137	153	150	Wright	169	236	206	297	205
Iowa	179	160	190	284	234						
Jackson	200	61	202	228	221						
Jasper	248	100	248	484	305						
Jefferson	125	152	126	236	208						
Johnson	231	102	238	355	348						
						Total	18950	11465	19717	26323	23714

ABSTRACT [D]—CONTINUED.

SUMMARY OF SUPERINTENDENTS' WORK, 1904.

COUNTIES.	New schoolhouses.	Whole number.	Good.	Fair.	Poor.	Without suitable and separate outbuildings for each sex.	Schoolhouses provided with flags.	COUNTIES.	New schoolhouses.	Whole number.	Good.	Fair.	Poor.	Without suitable and separate outbuildings for each sex.	Schoolhouses provided with flags.
Adair.....	3	148	85	58	5	.....	75	Jones.....	2	180	80	70	9	20	85
Adams.....	1	112	91	15	6	.....	100	Keokuk.....	1	147	95	45	9	.....	89
Allamakee.....	1	182	99	81	2	4	74	Kossuth.....	3	228	.....	228	.....	.....	.....
Appanoose.....	2	188	25	77	86	.....	14	Lee.....	2	125	86	78	15	12	44
Audubon.....	.....	111	91	12	8	.....	48	Linn.....	2	208	170	28	4	.....	124
Benton.....	2	187	124	49	4	15	99	Louis.....	3	90	60	24	6	9	49
Black Hawk.....	.....	154	50	61	43	20	87	Lucas.....	1	90	65	26	8	.....	41
Boone.....	1	187	106	48	3	.....	149	Lyon.....	2	186	66	52	18	6	24
Bremer.....	.....	112	92	14	6	2	63	Madison.....	1	145	60	40	45	.....	25
Buchanan.....	6	150	100	47	3	20	20	Mahaska.....	3	161	25	98	40	.....	75
Buena Vista.....	1	189	25	101	13	15	40	Marion.....	6	168	55	78	20	5	80
Butler.....	.....	148	78	49	21	.....	.....	Marshall.....	1	156	76	50	20	.....	50
Calhoun.....	4	149	60	74	15	.....	86	Mills.....	1	92	18	74	.....	.....	18
Carroll.....	2	146	54	68	24	.....	130	Mitchell.....	.....	103	56	24	26	.....	69
Cass.....	3	163	75	68	10	.....	.....	Monona.....	4	153	123	22	8	2	41
Cedar.....	4	145	108	81	6	15	31	Monroe.....	2	105	51	55	21	70	10
Cerro Gordo.....	3	148	93	48	7	8	100	Montgomery.....	1	113	21	84	8	.....	100
Cherokee.....	.....	144	69	66	10	2	72	Muscatine.....	.....	106	25	54	26	.....	106
Chickasaw.....	1	119	101	17	1	2	80	O'Brien.....	.....	141	75	61	5	.....	141
Clarke.....	1	108	50	85	23	.....	16	Oscoda.....	3	94	21	70	8	5	75
Clay.....	1	182	101	81	.....	.....	34	Page.....	1	189	188	4	2	.....	186
Clayton.....	3	181	158	20	3	.....	25	Palo Alto.....	1	183	104	22	7	.....	.....
Clinton.....	3	186	116	57	13	3	153	Plymouth.....	1	181	24	152	6	.....	23
Crawford.....	3	179	100	60	19	10	25	Pocahontas.....	1	144	118	19	7	8	71
Dallas.....	3	168	120	30	8	.....	65	Polk.....	3	196	114	68	15	2	.....
Davis.....	1	104	44	38	22	4	7	Potawat'mie.....	7	257	201	50	6	5	250
Decatur.....	4	124	41	60	8	6	3	Poweshiek.....	3	148	.....	148	.....	.....	58
Delaware.....	2	145	128	15	2	8	120	Ringgold.....	3	134	41	78	15	.....	51
Des Moines.....	2	99	76	19	10	.....	60	Sac.....	4	145	68	82	20	10	12
Dickinson.....	.....	79	64	8	7	3	.....	Scott.....	2	127	106	20	2	1	127
Dubuque.....	.....	161	128	18	8	4	85	Shelby.....	.....	148	100	20	20	.....	145
Emmet.....	4	86	64	12	10	2	26	Sioux.....	2	168	100	80	8	12	10
Fayette.....	3	190	85	100	5	3	126	Story.....	4	151	74	45	22	23	96
Floyd.....	.....	124	65	45	13	10	90	Tama.....	5	183	120	41	22	.....	100
Franklin.....	2	144	120	12	12	.....	48	Taylor.....	3	181	99	21	11	.....	60
Fremont.....	.....	126	98	20	10	.....	24	Union.....	4	122	52	68	2	.....	82
Greene.....	2	145	95	100	10	.....	100	Van Buren.....	1	116	85	76	5	10	58
Grundy.....	1	128	20	94	14	35	91	Wapello.....	.....	114	96	15	3	2	68
Guthrie.....	1	154	82	80	23	.....	27	Warren.....	7	144	77	47	20	15	24
Hamilton.....	3	146	77	41	28	14	69	Washington.....	1	188	40	75	23	9	100
Hancock.....	.....	186	116	15	5	1	45	Wayne.....	.....	180	97	22	11	6	63
Hardin.....	2	149	75	44	30	.....	100	Webster.....	2	169	74	89	26	18	96
Harrison.....	6	180	106	54	.....	.....	100	Winnebago.....	.....	94	50	84	10	10	16
Henry.....	3	109	78	84	2	.....	100	Winnebuck.....	1	149	93	50	6	.....	.....
Howard.....	.....	106	66	82	5	.....	65	Woodbury.....	1	217	82	125	10	10	100
Humboldt.....	1	112	18	99	.....	.....	2	Worth.....	.....	97	70	15	12	6	78
Ida.....	.....	108	80	70	6	.....	88	Wright.....	.....	141	40	88	18	.....	.....
Iowa.....	1	142	67	80	25	1	85	Total.....	189	13066	7591	5177	1188	496	6082
Jackson.....	2	154	60	82	12	.....	150								
Jasper.....	6	191	111	60	20	.....	77								
Jefferson.....	.....	100	40	55	5	10	70								
Johnson.....	1	170	108	2	2	.....	2								

ABSTRACT [1

TEACHING

COUNTIES.	WHERE HELD.	SESSIONS.			TEACHERS IN ATTENDANCE		
		Commencing.	Con'g weeks.	Sessions Daily.	Males.	Females.	Total.
Adair	Greenfield	August 1	2	1	12	122	1
Adams	Cerning	June 20	2	1	12	120	1
Allamakee	Waukon	August 1	2	2	12	178	1
Appanoose	Centerville	August 8	2	2	41	162	1
Audubon	Audubon	July 11	2	1	6	128	1
Benton	Vinton	August 1	1	2	22	245	2
Black Hawk	Waterloo	August 15	2	2	12	174	1
Boone	Boone	August 15	2	2	28	197	2
Bremer	Waverly	July 11	2	2	6	121	1
Buchanan	Independence	July 25	1	2	14	161	1
Buena Vista	Storm Lake	August 1	2	2	6	170	1
Butler	Clarkeville	August 8	2	2	28	173	1
Calhoun	Rockwell City	August 6	1	2	9	166	1
Carroll	Carroll	June 20	2	2	17	190	2
Cass	Atlantic	June 20	2	1	5	185	1
Cedar	Tipton	June 6	2	2	15	153	1
Cerro Gordo	Mason City	August 15	2	2	17	223	2
Cherokee	Cherokee	June 20	2	2	12	208	2
Chickasaw	New Hampton	July 25	2	2	6	188	1
Clarke	Osceola	July 11	2	1	20	107	1
Clay	Spencer	July 18	2	2	4	124	1
Clayton	Elkader	August 1	2	2	20	312	2
Clinton	Clinton	August 22	1	2	15	315	2
Crawford	Denison	August 8	2	2	7	212	2
Dallas	Adel	August 8	1	1	39	310	2
Davis	Bloomfield	August 18	2	2	45	95	1
Decatur	Leon	June 20	2	2	24	122	1
Delaware	Manchester	March 28	1	1	2	126	1
Des Moines	Burlington	June 20	2	2	17	170	1
Dickinson	Spirit Lake	August 15	2	2	8	91	1
Dubuque	Dubuque	August 22	2	2	8	292	2
Emmet	Etherville	August 22	1	2	8	107	1
Fayette	West Union	August 1	2	2	22	184	2
Floyd	Charles City	June 18	2	2	4	151	1
Franklin	Hampton	July 19	2	2	16	156	1
Fremont	Sidney	July 18	2	2	18	120	1
Greene	Jefferson	June 20	2	2	10	182	1
Grundy	Grundy Center	August 15	2	2	15	121	1
Guthrie	Guthrie Center	August 1	2	2	22	158	1
Hamilton	Webster City	July 11	2	2	23	184	2
Hancock	Britt	August 15	1	2	13	141	1
Hardin	Eldora	August 8	2	2	24	188	2
Harrison	Woodbine	August 1	1	1	7	180	1
Henry	Mt. Pleasant	June 20	2	2	12	148	1
Howard	Cresco	March 28	2	2	12	124	1
Humboldt	Humboldt	August 1	2	2	6	157	1
Ida	Ida Grove	March 24	2	2	10	127	1
Iowa	Marengo	July 18	2	2	22	134	2
Jackson	Maquoketa	August 15	1	2	9	151	1
Jasper	Newton	August 1	2	2	28	265	2

REPORTS FOR 1904.

NORMAL INSTITUTE.

INSTITUTE FUND.

RECEIPTS.					Total.	EXPENDITURES.		
On hand at last report.	Examination fees.	Registration fees.	State appropriation.	County appropriation and sundries.		Instruction and lectures.	Incidentals.	Unexpended.
\$ 28 25	\$ 301	\$ 164	\$ 50		\$ 575 20	\$ 515 00	\$ 20 00	\$ 40 20
68 48	311	148	50		587 48	415 00		172 48
219 48	287	191	50		727 48	370 00	65 48	292 00
104 80	267	228	50		734 50	494 00	84 00	156 50
23 86	274	134	50		480 85	385 00	62 75	58 10
124 05	282	279	50	9 00	724 05	408 00	87 55	318 50
280 79	288	188	50		869 79	588 00	87 86	254 48
5 21	306	220	50	94 04	785 25	548 25	80 00	7 00
	285	127	50	50 89	462 89	405 00	87 89	
188 48	286	178	50		691 48	580 00		111 48
8 37	243	178	50		475 37	322 50	55 20	97 67
121 09	344	198	50	20 00	781 00	570 00	84 80	26 70
125 89	344	178	50		737 59	445 50	62 08	300 09
42 19	306	216	50	14 00	628 19	474 25	151 95	1 99
126 89	306	190	50		752 50	555 00	45 00	152 50
575 98	272	168	50		1066 98	610 00	40 00	416 98
20 48	297	240	50		707 42	695 00	7 50	4 92
549 47	311	216	50		925 47	527 28	6 50	391 69
98	240	198	50		429 98	415 00		14 98
17 07	250	127	50		444 07	305 00	43 25	96 82
99 88	296	126	50		568 99	480 00	25 00	108 99
738 94	289	241	50		1418 99	680 00	128 18	600 88
244 74	470	281	50	9 00	1104 74	671 87	101 25	331 69
120 09	420	313	50	50	809 58	606 72	81 80	120 56
1 89	308	240	50	1 00	689 68	597 00	55 00	17 68
10 84	187	141	50	47 00	485 64	308 00	38 00	9 64
17 20	286	149	50	12 20	590 50	505 00	15 50	
14 08	219	128	50		421 68	318 50	5 00	88 18
189 67	244	187	50		560 67	398 50	70 40	126 77
2 89	172	99	50		328 59	300 00	18 55	10 94
65	282	200	50		662 55	640 00	41 75	80
12 78	198	115	50		376 76	327 50	89 50	10 76
	276	208	50		682 00	618 98	32 00	98 04
79 40	298	158	50		577 40	375 00	25 00	177 40
188 12	298	172	50		708 12	525 00	54 06	127 67
108 80	276	128	50		559 85	447 25	18 50	99 21
188 10	301	142	50		676 10	488 00	85 00	125 10
106 82	311	134	50		500 89	447 00	52 75	94
282 50	271	180	50		923 50	507 75	55 20	360 45
27 00	297	207	50		681 00	508 50		77 50
186 80	331	154	50		700 80	448 50	88 80	313 80
221 09	269	212	50		842 00	545 00	78 00	224 00
225 44	217	187	50		789 44	410 81	71 80	307 08
	278	140	50	118 89	601 89	525 00	76 89	
88 84	289	128	50	67 20	588 84	444 25	68 75	55 84
178 84	289	188	50		690 84	406 76	26 22	198 86
119 60	379	127	50	165 80	870 00	580 00	30 00	180 00
10 89	315	208	50		681 89	540 00	30 00	11 89
	248	160	50		458 00	382 25	40 50	35 25
8 20	315	228	50		691 20	720 00	100 85	30 45

ABSTRACT [E]

TEACHERS'

COUNTY.	WHERE HELD.	SESSIONS.			TEACHERS IN ATTENDANCE.			
		Commencing.	Cont'g weeks.	Sessions Daily.	Males.	Females.	Total.	Graduates.
Jefferson	Fairfield	June	20	2	12	185	149	3
Johnson	Iowa City	July	18	2	11	204	216	2
Jones	Anamosa	July	18	2	8	161	169	
Keokuk	Signourney	July	25	2	36	195	232	10
Kossuth	Algona	July	11	2	14	232	246	
Lee	Keokuk	August	9	1	15	147	162	
Linn	Marion	August	15	1	35	435	471	
Louis	Wapello	June	20	2	32	112	150	
Lucas	Chariton	July	25	2	11	118	129	
Lyon	Rock Rapids	August	1	2	12	111	124	
Madison	Winterset	August	15	2	16	175	192	
Mahaska	Oskaloosa	August	1	2	15	208	223	
Marion	Knoxville	July	18	2	23	141	164	10
Marshall	Marshalltown	Mar	28	2	22	280	292	
Mills	Glenwood	July	18	2	11	129	140	
Mitchell	Osage	July	18	2	5	109	114	
Monona	Onawa	August	1	1	8	179	187	
Monroe	Albia	July	25	2	9	140	149	
Montgomery	Villisca	August	15	2	10	144	154	
Muscatine	Muscatine	June	20	2	7	177	184	
O'Brien	Primghar	July	11	2	18	152	165	1
Osceola	Sibley	March	28	2	7	101	108	
Page	Shenandoah	August	25	1	12	155	167	
Palo Alto	Emmetsburg	August	1	2	11	160	171	
Plymouth	Le Mars	June	20	2	8	171	179	
Pocahontas	Pocahontas	August	8	2	7	119	126	
Polk	Des Moines	Mar. *	31	1	20	543	574	
Pottawattamie	Council Bluffs	Aug.	1	2	20	325	345	
Poweshiek	Montezuma	June	20	2	15	325	340	
		July	6	2	15	140	155	
Ringgold	Mt. Ayr	August	1	2	10	171	187	
Sac	Sac City	June	20	2	10	174	184	
Scott	Davenport	March	24	2	22	274	295	
Shelby	Harlan	August	1	1	6	150	156	
Sioux	Orange City	July	25	2	12	125	147	
Story	Nevada	August	15	2	30	160	190	1
Tama	Toledo	March	28	2	23	218	241	2
Taylor	Bedford			2	6	121	127	
Union	Afton	August	1	2	11	132	143	
Van Buren	Kossauqua	August	1	2	21	124	145	
Wapello	Ottumwa	June	27	2	9	206	212	
Warren	Indianola	July	25	1	14	185	199	
Washington	Washington	June	13	2	22	207	229	
Wayne	Corydon	July	11	1	20	151	180	
Webster	Ft. Dodge	April	4	1	17	206	223	
Winnebago	Forest City	August	27	2	10	95	105	
Winneshiek	Decorah	March	29	2	57	195	232	
Woodbury	Sioux City	July	11	2	8	215	223	
Worth	Northwood	August	15	2	9	69	77	
Wright	Clarion	August	6	2	15	181	196	
Total			2		1507	1695	1852	15

* For three days.

REPORT OF COUNTY SUPERINTENDENTS.

25

ET FOR 1904.—CONTINUED.

INSTITUTE.

INSTITUTE FUND.

RECEIPTS.				Total.	EXPENDITURES.		
	Registration fees.	State appropriation.	County appropriation and sundries.		Instruction and lectures.	Incidentals.	Unexpended.
253	140	50		190 00	470 00	35 00	190 01
279	215	50	51 11	316 11	683 00	35 00	
306	189	50		239 00	880 00	70 85	148 87
420	338	50		388 00	609 00	95 00	
451	346	50		396 00	782 80	93 00	208 98
207	162	50		212 00	346 85	45 50	208 48
202	471	50		521 00	787 85	98 05	854 87
223	150	50		200 00	815 00	85 85	42 15
236	129	50		179 00	280 00	7 00	186 94
308	134	50		184 00	487 50	12 00	83 00
341	192	50		242 00	425 00	55 35	208 37
456	229	50		279 00	545 00	160 50	71 58
385	184	50		234 00	875 00	95 88	126 73
333	288	50		338 00	842 00	58 40	555 95
200	140	50		190 00	387 38	47 48	17 48
191	114	50	181 75	295 75	411 00	33 38	44 31
275	187	50		237 00	431 75	75 10	259 15
243	140	50		190 00	512 50		7 00
249	154	50		204 00	497 00		71 79
259	184	50		234 00	889 80	64 51	32 09
333	168	50		218 00	491 05	35 00	68 05
194	108	50	60 00	168 00	325 00	102 04	41 13
340	167	50		217 00	402 50	94 98	162 46
296	171	50		221 00	450 00	55 00	14 00
257	175	50		225 00	330 00	57 00	295 20
307	126	50		176 00	440 00	63 62	2 05
783	574	50		624 00	764 28	647 00	108 37
573	340	50		390 00	831 00	126 54	281 99
311	166	50	10 00	216 00	520 60	48 84	1 87
357	187	50	40 50	237 50	485 00	71 50	73 64
397	184	50		234 00	485 50	25 40	113 80
389	325	50	9 30	384 80	434 25	149 00	613 72
388	186	50		236 00	473 00	28 00	6 00
400	147	50	275 10	422 10	589 48	41 48	127 89
393	196	50		246 00	420 00	90 85	122 05
373	241	50		291 00	545 00	77 33	154 38
385	127	50	71 00	248 00	488 40		169 80
388	143	50		193 00	504 50	68 00	680 15
340	145	50		195 00	381 50	30 15	199 37
439	312	50		362 00	555 00	68 00	278 07
279	149	50		199 00	405 00	40 75	255 00
375	329	50		379 00	605 00	64 75	225 89
369	180	50		230 00	380 50	48 90	114 00
409	323	50		373 00	654 80	44 50	300 28
253	106	50		156 00	358 00	50 85	19 80
383	228	50		278 00	517 50	107 50	225 59
373	223	50		273 00	570 00	73 33	11 73
147	77	50		127 00	240 00	12 00	71 85
389	196	50		246 00	515 00	65 65	18 80
31233	18633	4950	12-2 98	60554 84	48007 34	6071 96	14325 13

ABSTRACT [E]

TEACHERS' NORMAL INSTITUTES.

COUNTIES.	CONDUCTORS.	INSTRUCTORS.
Adair.....	Ella C. Chantry....	Adam Pickett, W. R. Andrews, H. D. Smith, J. C. Hagler, L. N. Gerber, Josephine Knox.
Adams.....	A. B. Lewis.....	J. E. Stout, G. A. Axline, L. W. Fike, J. A. Griffith, F. J. Resler.
Allamakee.....	J. E. Mills.....	C. P. Colgrove, Arthur Wilson, E. J. Hook, Louise Minert, Jennie Hallingby, H. A. Dwelle.
Appanoose.....	F. E. King.....	G. W. Bryan, P. B. Woods, Wm. Solomon, H. H. Laughlin, Oraini V. Swift.
Audubon.....	Arthur Farquhar..	D. P. Repass, F. A. Nims, P. B. Woods, F. P. Hocker, Ella M. Stearns.
Benton.....	O. B. Lowe.....	Grace S. Burt, Blanche Goudy, John Sogard, George H. Betts.
Black Hawk....	A. T. Hukill.....	L. H. Minkel, Lydia Hinman, C. B. Stein, F. H. Bloodgood, Lura Phillips, Fannie A. Palmer.
Boone.....	R. R. Cobb.....	J. O. King, D. M. Kelly, E. L. Colburn, E. L. Meek, Clara E. Thompson, Effie Shuneman.
Bremer.....	John T. Remick....	W. F. Cramer, T. J. Durant, Cap E. Miller, Alice Cary Wilson, Elizabeth Conner.
Buchanan.....	M. J. Goodrich....	F. H. Bloodgood, Clara M. Travis, Agnes Patterson, Eva L. Owen, Mildred Goodrich, Ruby L. Peck, Ida Hullerman.
Buena Vista....	J. E. Durkee.....	J. H. O'Donahue, T. B. Norris, Agnes N. Hannum, Alice Wilcox, E. L. Coburn.
Butler.....	Ida F. Leydig.....	G. H. Betts, O. A. Fullerton, J. F. Overmyer, P. F. Voelker, W. H. Bender, J. L. Zwickey, Edith Reid, Maud Summers.
Calhoun.....	W. R. Sandy.....	P. O. Colgrove, Mrs. H. R. Reynolds, G. W. Young, Bertha Cadwell, D. Patten, L. C. Bryan, Theodore Saam.
Carroll.....	W. J. Barloon.....	W. P. Johnson, F. L. Hoffman, C. J. Johnson, Julia Scurry, Alberta Scanlan, A. N. Palmer, F. H. Figert.
Cass.....	J. J. McConnell....	W. E. Salisbury, D. O. Neffert, W. J. Cattell, Frank Lindeman, Anna O. Temple, Effie Shunerman.
Cedar.....	George H. Kellogg..	C. Ray Aurner, R. B. Crone, L. O. Curtis, J. H. Morgan, E. L. Coburn, Elizabeth Bain, Nellie Smith.
Cerro Gordo....	P. O. Cole.....	S. S. Wyand, H. H. Holmes, Mary G. Long, Harriet Garton, Clara Klinefelter, D. A. Thornburg, W. H. Bender.
Cherokee.....	Agnes J. Robertson	W. O. Riddell, G. E. Finch, A. V. Storm, F. H. Bloodgood, Maud Summers, Margaret Smith.
Chickasaw.....	W. P. Johnson....	C. L. Woodfield, E. O. Hill, T. J. Wormley, F. A. Scheutz, Ida Fitzsimmons.
Clarke.....	A. M. M. Dornon..	A. E. Parsons, Mrs. Ingletta, F. Ware, Miss Katherine Davis.
Clay.....	H. F. Fillmore....	A. H. Avery, A. P. Heald, C. J. Boyington, E. G. Clarke, Mary Riley.
Clayton.....	C. J. Adam.....	S. H. Sheakley, G. E. Finch, F. H. Bloodgood, J. N. Dahm, Chas. F. Pye, Alice Kingsley.
Clinton.....	George E. Farrell..	John A. Keith, W. I. Crane, Anna Donovan, Alice Rogers, B. J. Heflin.
Crawford.....	F. L. Hoffman.....	W. O. Van Ness, J. R. Bagge, Zoe C. Patterson, J. H. Beveridge, W. J. Barloon, W. B. Thornburg, Charlotte Sweeney, H. H. Savage.
Dallas.....	R. F. Wood.....	C. F. Barrows, W. S. Athearn, Alice Hopper, W. H. Gemmill, Pearle Britton, R. C. Barrett, E. J. Pollock, J. W. Graham.
Davis.....	W. S. Athearn....	Will Fortune, C. N. Spicer, Wilbur York, Miss Charlotte Sweeney.
Decatur.....	Eli Hutchinson....	R. A. Harkness, F. P. Reed, J. R. Cash, A. L. Lyon, J. M. Howell, J. M. Pierce, Miss Mabel Horner.
Delaware.....	George H. Betts....	C. B. Stein, Miss Dolly Twitchell.
Des Moines.....	Howard A. Mathews	A. T. Hukill, T. M. Clevenger, F. M. Fultz, Anna L. Robbins, W. L. Sheetz.

ABSTRACT [E]—CONTINUED.

COUNTIES.	CONDUCTORS.	INSTRUCTORS.
Dakota.....	W. F. Davidson....	Wm. Ball, E. H. Savage, M. R. Hassel, C. J. Bay- ington, Mrs. Evangeline Robinson.
DeSoto.....	P. J. Schroeder....	A. E. Winship, Alice Hopper, A. A. Weaver, G. W. Fields, J. M. Walsh, T. M. Irish, F. T. Oldt, L. L. Lightcap.
Dumak.....	W. A. Willis.....	W. V. Howard, A. P. Hargrave, A. V. Storm, W. H. Bender, Ida A. Davis.
Effete.....	H. L. Adams.....	A. E. Bennett, E. L. Coffeen, J. E. Stont, Margaret McCauley, Dolly Twitchell.
Fayt.....	Frederick Schaub..	F. E. Hirsch, W. F. Finke, W. G. Babb, A. L. Haines, E. F. Fisher, Elizabeth Carmichael, Mary J. Crowell.
Funklin.....	S. R. Campbell....	D. A. Thornburg, A. T. Hukill, O. W. Maxwell, Margaret L. Weber, Clara M. Klinefelter.
Front.....	Hattie Lee A. Lair..	F. O. Ensign, A. O. Fuller, G. U. Gordon, W. B. Gregg, Frances Wright, I. E. Clayton, Ellen Wing.
Grane.....	A. J. Oblinger....	Anna L. Wertz, Bruce Francis, H. A. Glackmeyer, Emma Ankeny, F. E. Palmer.
Grady.....	J. D. Adams.....	J. E. Stout, W. D. Wells, C. L. Love, Hattie Moore Mitchell.
Guthrie.....	M. P. Kenworthy..	F. E. Palmer, A. A. Taylor, B. E. Finley, M. F. Moine, Miss Kate McGuire, Miss Edna Bonebroke.
Hamilton.....	L. N. Gerber.....	J. C. Hagler, Elizabeth Bain, Ella Chantry, J. M. Holaday, J. T. Bradshaw, E. R. Lee.
Hancock.....	A. M. Deyoe.....	C. P. Colgrove, C. C. Nutting, B. W. Hoadley, W. J. Jerome, Bertha Cadwell, May G. Long, F. C. Butler.
Hardin.....	Elle B. Chacevell...	A. O. Newell, Milo Hunt, A. J. Cavana, Miss Mae J. Evans, Miss Della Bishop, Miss Julia Scurry, Miss Macha Vance.
Harrison.....	D. E. Brainard....	C. E. Blodgett, J. H. Beveridge, H. E. Wheeler, O. W. Stone, Gertrude Whiting.
Henry.....	Annie E. Packer...	O. W. Cruikshank, David Williams, N. E. Johnson, Jesse Benjamin, P. C. Hayden, Eugenia Kim- ball, Amanda Kidder.
Howard.....	G. A. Oliver.....	G. E. Finch, L. E. A. Ling, A. R. McCook, Mrs. O. J. Laylander, M. Alda Tate, Harriet Carpenter.
Humboldt.....	Clarence Messer...	O. S. Cory, Mrs. D. F. Coyle, Ida Fitzsimmons.
Ida.....	J. O. Hagler.....	Maud Summers, Anna Wertz, W. B. Munson, W. F. Barr, L. N. Gerber, Walter Athearn.
Iowa.....	H. T. Porte.....	A. E. Winship, O. T. Bright, W. H. Bender, O. B. Stein, C. H. Carson, Bruce Francis, Mrs. Fran- ces E. Clarke, Mrs. Hattie M. Mitchell.
Jackson.....	W. F. Barr.....	M. Jaynes, Alice K. Bovard, Alice C. Wilson, Cer- nelia Collins.
Jasper.....	J. E. Roberts.....	W. N. Clifford, W. O. Biddell, E. J. H. Beard, Kate Mulhern, Hattie Moore Mitchell, Mrs. T. M. Rodgers.
Jefferson.....	Anna White.....	W. N. Clifford, S. A. Power, Cora Ball, Hattie Moore Mitchell.
Johnson.....	W. A. Willis.....	A. G. Smith, O. E. Smith, F. L. Mahannah, R. W. Bies, Mrs. Alice R. Davies, Miss Laura Graham.
Jones.....	Clifford B. Paul....	Orville T. Bright, O. E. Buckley, J. E. Cameron, Myrtle Le Compte, Julia Scurry.
Kearak.....	Cap E. Miller.....	A. E. Winship, Mrs. Alice Mendenhall, T. M. Clev- enger, C. E. Humphries, Mrs. H. M. Mitchell, O. T. Bright, Manning Jaynes, Mrs. Retta Min- teer.
Kemeth.....	C. H. Balknapp....	A. E. Bennett, H. O. Jones, H. L. Coffeen, O. W. Weeks, Josephine Burling, Charlotte Sweeney.
Lee.....	R. C. Lynn.....	W. L. Barrett, O. W. Cruikshank, G. W. Walters, P. C. Hayden, Alice C. Wilson, Minnie Dee Wright.
Lincoln.....	J. E. Vance.....	W. I. Crane, Emma Beenk, G. E. Finch, Hattie Eggleston, J. E. Cameron, J. E. Bagley.
Louis.....	C. B. Wallace.....	A. M. M. Dornon, L. T. Hill, J. W. McCulloch, Eva L. Owen, Lillian Bridgeford.
Louis.....	Laura Fitch.....	W. F. Chevalier, W. S. Rowley, Minnie Dungan, Della Courtelyou.
Lyon.....	W. S. Wilson.....	J. L. Mishler, C. R. Scroggie, Ida Fesenbeck, Hattie L. Larkin, Ethel G. Pike.
Madison.....	T. H. Stone.....	O. E. Smith, C. E. Douglas, W. H. Monroe, H. D. Smith, Etta Turner.

ABSTRACT [E]—CONTINUED.

COUNTIES.	CONDUCTORS.	INSTRUCTORS.
Mahaska.....	J. P. Doids	Maud Summers, G. H. Bigelow, Anna P. Tucker, Wm. Radelbaugh, J. E. Cameron, L. F. Bonsett, L. C. Rumsel.
Marion.....	W. H. Lucas.....	S. G. Richards, W. C. Farmer, Martha Firth, Zoe Patterson.
Marshall.....	Mary B. Hostetler.	Frank W. Darling, E. U. Graff, W. I. Crane, Alice B. Lincoln, Harriet Garton, W. N. Clifford, Nettie A. Sawyer.
Mills.....	W. M. Moore.....	L. D. Salisbury, J. D. Reid, F. C. Ensign, Fannie O. Ames, Ellen J. Wing, Allie Cambelle.
Mitchell.....	Jay A. Lapham....	O. P. Colgrove, G. W. Sawyer, John P. Lund, Fred Schaub, H. A. Longley, Dorothy Nedland, Maggie Tobin.
Monona.....	F. E. Lark.....	C. E. Shelton, L. W. Howerth, N. V. O'Shea, J. E. Bagley, Eva Kendall.
Monroe.....	R. B. Spencer.....	H. C. Hollingsworth, G. W. Walters, A. F. Ewart, Wm. Solomon, Maisy Schreiner, N. Florence Littlefield.
Montgomery...	Mabel G. Hanna....	G. S. Dick, E. B. Winkersham, D. C. Nefford, W. B. Gregg, Nellie Barton, Stella Woodford.
Muscatoine.....	L. G. Fecht.....	R. W. Leverich, Linnie Harris, Madge Babbett, Mrs. Emma Lusa.
O'Brien.....	Nellie Jones.....	W. N. Clifford, C. E. Scroggie, O. M. Elliott, S. H. Bunley, Emma C. Moulton, Josephine Harwood.
Osceola.....	J. P. McKinley....	W. A. Athearn, C. E. Scroggie, L. B. Parsons, Charlotte Swaney, Alberta Scanlon.
Page.....	George H. Colbert.	Geo. H. Betts, F. C. Ensign, H. E. Wheeler, W. E. Salisbury, Luella Kittile.
Palo Alto.....	H. E. Blackmar....	H. A. Welty, Chas. B. Stein, I. C. Welty, A. H. Avery, Ethel Rundell.
Plymouth.....	I. O. Hise.....	A. H. Bigelow, S. G. Richards, L. H. Wright, Nettie Snider.
Pocahontas...	U. B. Vance.....	F. L. Cassidy, J. J. Rae, Mary Riley, C. Jay Boyington, W. H. Reever.
Polk.....	Z. C. Thornburg....	Adda Blakeslee, W. N. Hailman, W. H. Dudley, M. L. Bartlett, C. W. Lyon, W. F. Barr, Alice Hopper.
Pottawattamie.	O. J. McManus....	I. W. Howerth, H. E. Blackmar, S. L. Thomas, F. C. Ensign, Georgia Alexander, M. Lucille Porterfield, H. E. Colby, M. E. Crozier, W. J. Flint, W. N. Clifford.
Poweshiek.....	P. A. McMillan....	D. A. Thornburg, Eugene Henely, C. E. Douglas, Wm. Solomon, Oral Neely, Lura Phillips.
Ringgold.....	Lora L. Richardson	W. F. Barr, W. L. Barrett, J. W. Wilkerson, J. D. Cherryholmes, Ella E. Kinsell, Florence Knox.
Sac.....	G. W. Lee.....	H. C. Coe, T. B. Hutton, C. F. Garrett, Elizabeth Platt, Bertha Cadwell.
Scott.....	J. H. Jacobs.....	P. O. Hayden.
Shelby.....	G. A. Luxford....	G. E. MacLean, W. S. Athearn, W. O. Wilson, Maude Summers, Margaret Moore, James Seymour, J. J. Louis, Benjamin Boardman.
Sioux.....	A. V. Storm.....	J. L. Zwickey, S. W. Mountz, S. T. May, O. W. Herr, Alice C. Wilson, Philip Soulen.
Story.....	I. O. Welty.....	L. B. Carlisle, H. A. Welty, A. B. Alderman, Blanche Goudy, Anna Odland.
Tama.....	D. E. Brown.....	E. J. Hoenshel, E. C. Meredith, Hattie Moore Mitchell, H. B. Shoemaker, J. B. Young, W. G. Martin, W. A. Cys, O. E. Fleming.
Taylor.....	Frank E. Howard..	E. E. Kuhn, Jessie Himes, Clyde O. Fisher, Mrs. Victoria Faith, Lillian McCracken.
Union.....	Frank M. Abbott..	W. I. Crane, I. W. Howerth, J. R. McComb, F. E. Howard, Lura Randolph, Lillian L. Bridgford, A. T. S. Owen, S. Marion Becker, Anna L. Wertz.
Van Buren.....	David Williams....	Elizabeth Bain, H. H. Holmes, H. H. Barrows, Julia Mahoney, Mae J. Evans, Calla M. Hand, Lucile Major.
Wapello.....	Emma S. Nye.....	O. E. Smith, F. E. Palmer, E. L. Miller, Alexander Emalie, George Eaton, Binnie McKitterick, Dr. Charles E. Shelton.
Warren.....	J. W. Radelbaugh..	R. B. Crone, R. D. Daugherty, C. B. Stein, Florabel Patterson, Hattie Moore Mitchell.
Washington....	Cora E. Porter....	W. N. Clifford, W. F. Johnson, W. L. Pugh, Hattie Moore Mitchell, Mrs. M. L. Weber.
Wayne.....	L. Maud Elmore....	

ABSTRACT [E] CONTIBUED.

COUNTIES.	CONDUCTORS.	INSTRUCTORS.
Webster	A. L. Brown.	W. N. Hailman, Alice M. Cooley, Frank Darling, Arnold Tompkins, O. T. Bright, E. L. Coburn, C. V. Findlay.
Winnebago	B. C. Barrett	H. O. Bateman, W. H. Whitford, F. O. Smith, Mrs. B. Booth, Mrs. O. L. Prescott.
Winnebago	Ellis J. Hook	E. L. Coffeen, Ella Treat, H. A. Dwelle, Julia Scurry, Julia Breckenridge, T. I. Gifford, H. C. Johnson.
Woodbury	E. A. Brown	J. W. Mather, L. H. Harvey, Helen I. Loveland, J. G. Hobson, W. M. Stevens, F. H. Garver, Kate I. Hubbard.
Worth	O. E. Gunderson . .	H. A. Dwelle, L. J. Reed, J. O. Briggs, Fannie Quaife.
Wright	Angus Macdonald..	Laura E. Martin, Jennie Wolcott, E. W. Fellows, J. G. Grundy, Elizabeth Bain, Lura Phillips, F. Tellier.

GRADED SCHOOLS.

NAME OF TOWN.	Population, census of 1900.	Number months school.	Enumeration between 5 and 21 years in 1904.	Enrolled in school, 1903-1904.	Average attendance, 1903-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other teachers.	Average salary per month of each month teachers.
Abington	840	5	102	87	87	1.34	R. M. Caviness.....	\$ 332	1	\$33.20
Ackley	1445	5	440	300	302	1.57	W. H. Lancelot.....	1000	5	200.00
Adair	879	5	216	260	202	2.30	John E. Foster.....	1000	5	200.00
Adel	1218	5	414	354	279	2.06	J. W. Graham.....	1000	12	83.33
Afton	1178	5	381	309	280	1.80	J. R. McComb.....	600	5	120.00
Agency	468	5	214	204	180	1.65	C. F. Goltry.....	700	5	140.00
Ainsworth	404	5	179	181	180	1.79	T. H. Barnes.....	680	3	226.67
Akron	1029	5	421	402	288	1.50	O. J. Smith.....	810	7	115.71
Albert City.....	150	5	56	52	52	2.04	Emma Hank.....	388	1	388.00
Albion	440	5	239	254	191	1.32	J. H. Dutton.....	60	5	12.00
Alden	700	5	354	229	186	1.64	Louise Taylor.....	675	3	225.00
Alexander.....	800						G. A. Shaver.....	252	1	252.00
Allerton	950	5	304	36	305	1.17	J. F. Holiday.....	600	5	120.00
Allison	453	5	173	181	118	1.79	E. E. Waters.....	680	3	226.67
Alta	941	5	310	270	211	1.59	A. J. Bell.....	675	3	225.00
Alta Vista.....	179	5	77	64	44	1.81	Milly Bohents.....	360	1	360.00
Alton	1000	5	474	178	134	1.34	F. E. Fuller.....	720	6	120.00
Altoona	324	5	115	114	80	2.00	W. H. Reed.....	540	1	540.00
Alvord	249	5	131	97	70	1.51	Lily I. Laughlin.....	570	1	570.00
Andrew	278	5	113	108	83	1.84	Charles Paul.....	450	2	225.00
Angus	833	5					C. S. Daiby.....	540	1	540.00
Anita	968	5	408	343	268	1.60	Will J. Cattell.....	1000	8	125.00
Ankeny	161	5	106	102	58	1.82	O. K. Thornburg.....	450	3	150.00
Anthon	473	5	201	180	133	1.70	Paul J. Scarbro.....	720	4	180.00
Aplington	427	5	198	180	100	2.23	A. C. Voelker.....	675	3	225.00
Arcadia	405	5	228	95	57	2.89	C. M. Williams.....	675	2	337.50
Arlington	843	5	282	241	183	1.65	G. L. Rawson.....	765	7	109.29
Armstrong	907	5	420	386	260	2.23	A. P. Hargrave.....	810	6	135.00
Arnold's Park ..	251	5	108	58	40	2.50				
Arthur	162	5	94	88	88	1.80	Ella Bargegrove.....	540	2	270.00
Ashton	515	5	225	117	71	2.88	William McKinley.....	630	3	210.00
Aspinwall	151	5	67	44	32	2.84	F. M. Essex.....	360	1	360.00
Atalissa	300	5	121	128	98	2.42	G. R. Buckles.....	630	3	210.00
Athelstan	251	5					H. Barnes.....	324	2	162.00
Anbura	203	5	142	135	115	1.48	Kittie M. Howard.....	495	2	247.50
Aurelia	621	5	220	178	144	1.97	Charles D. Curtis.....	720	5	144.00
Aurora	331	5	112	101	63	1.98	Lucie B. Francis.....	450	2	225.00
Avery	425	5	173	51	102	84	H. A. Reed.....	400	1	400.00
Ayrshire	823	5	167	115	75	1.73	Charles Cookingham.....	450	2	225.00
Bagley	355	5	124	137	108	1.74	E. E. Franklin.....	540	4	135.00
Baldwin	254	5	125	100	71	3.05	D. B. Welch.....	720	3	240.00
Bancroft	339	5	379	160	136	2.32	S. Backus.....	900	5	180.00
Barnes City	274	5	141	141	94	1.08	J. H. Atkinson.....	630	4	157.50
Barnum	184	10	47	41	29	2.00				
Bassett	149	5	94	75	55	1.57	Cora Dickson.....	360	1	360.00
Batavia	533	5	174	174	132	1.28	E. F. Snow.....	480	3	160.00
Battle Creek.....	542	5	212	172	131	2.47	W. B. Munson.....	675	5	135.00
Baxter	421	5	170	164	116	1.42	W. E. Rorabaugh.....	680	3	226.67
Bayard	494	5	152	187	144	1.53	F. J. Mantz.....	720	6	120.00
Beacon	953	5	329	270	174	1.86	J. P. McMurray.....	630	5	126.00
Beaconsfield ..	177	5	71	58	35	2.00	F. L. Willey.....	360	1	360.00
Beaman	260	5	77	62	46	2.82	G. A. Simms.....	450	2	225.00
Belknap	110	5	90	77	51	1.23	C. D. Evans.....	270	2	135.00
Belmond	1234	5	411	340	295	1.89	Frank Proham.....	1140	11	103.64
Bennett	238	5	94	60	40	2.43	George H. Kellogg.....	525	1	525.00

* Plus one-half tuition.

GRADED SCHOOLS—CONTINUED.

TOWNS.	Population census of 1900.	Number months school.	Enumeration between 5 and 21 years in 1904.	Enrolled in school, 1903-1904.	Average attendance since 1900-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other teachers.	Average salary per month of assistant teachers.
Port...	251	7	64	51	20	8 98	J. K. McCullough	490	1	40 00
...	187	8	52	37	21	1 41	...	...	...	...
...	229	8	180	130	143	1 59	J. W. Fish	500	5	85 00
...	238	8	77	82	58	2 00	D. H. Rummel	675	2	45 00
...	582	8	214	196	150	1 77	J. W. Martin	610	4	46 00
...	850	8	114	108	64	1 40	A. E. Judd	400	1	40 00
...	279	8	143	101	82	1 70	F. J. Atkinson	540	2	40 00
...	704	8	280	237	210	1 23	Silas Johnson	720	6	44 58
...	704	8	126	187	161	1 58	J. E. McLean	675	4	43 20
...	406	8	164	127	88	1 63	A. C. Anderson	480	2	40 00
...	898	8	278	186	162	1 84	J. H. Voss	720	5	42 00
...	297	8	110	110	76	1 74	Mrs. Mabel Huffman	475	2	42 50
...	536	8	132	106	80	2 10	O. G. Ames	450	8	40 00
...	236	8	124	125	77	1 86	B. F. Westcott	540	2	42 50
...	40	8.5	83	81	54	1 24	Mary McMaster	405	1	40 00
...	645	8	288	118	90	1 08	Hella Ritchell	270	1	80 00
...	895	8	168	80	29	3 45	...	...	...	...
...	875	8	141	119	85	1 41	C. E. Geesaman	450	2	85 00
...	907	8	286	251	188	1 46	Walter Holcomb	675	5	40 00
...	317	8	120	134	92	2 48	J. A. Woodruff	600	4	32 56
...	1188	8	447	341	279	2 01	Eugene Henely	1200	9	50 00
...	215	8	72	72	...	...	H. G. Gibson	300	2	30 00
...	81	8	117	81	62	1 29	L. Blanche Chaney	320	2	40 00
...	...	8	50	50	85	2 57	Luke P. Manning	450	1	40 00
...	872	8	177	185	105	1 26	A. K. Claypool	540	8	87 28
...	872	8	414	335	241	1 66	F. O. Smith	720	8	...
...	800	8.5	80	75	47	1 88	A. B. Street	400	1	40 00
...	504	8	138	165	127	1 67	A. S. Murray	675	4	45 54
...	650	8	249	256	176	1 81	Anna Harding	450	3	41 00
...	75	8	70	49	38	1 71	H. H. Winder	360	1	38 00
...	287	8	125	102	75	1 70	B. Roscoe	670	2	37 50
...	330	8	137	128	81	1 56	W. L. Hamilton	400	2	88 75
...	1003	8.5	392	197	141	1 91	F. C. Clark	1000	4	41 26
...	718	8	195	196	113	1 36	Wm. Stone	517	3	33 00
...	687	8	176	230	156	1 28	E. S. Smith	720	3	40 00
...	858	8	82	84	64	1 88	George P. Chapman	480	2	30 00
...	350	8	...	...	...	...	T. B. Homan	280	2	35 00
...	553	8	245	243	159	1 29	M. D. Sutton	540	4	35 00
...	682	8	336	237	155	2 00	W. J. Flint	810	5	44 00
...	1268	8	240	190	90	2 72	Rose Brownson	450	...	...
...	558	8	230	222	168	1 74	J. O. Huntley	720	6	47 50
...	208	8	87	65	23	3 18	A. A. Nelson	320	1	30 00
...	858	8	161	124	91	2 09	W. E. Atkinson	1000	8	40 00
...	...	10	161	55	37	1 60	Mamie Luke	350	...	...
...	255	8	100	40	20	2 22	W. W. Crawford	585	2	37 50
...	674	8	284	218	167	1 19	L. D. Curtis	680	4	32 80
...	623	8	284	240	187	1 42	W. B. Still	680	5	35 00
...	200	8	82	65	53	1 74	Clarence Baker	408	1	40 00
...	120	8	121	60	49	1 06	C. L. Stephenson	320	2	30 00
...	250	10	181	108	72	1 66	E. M. Ballard	550	2	40 50
...	772	8.5	302	234	217	1 22	W. B. Mitchell	950	6	45 50
...	419	8	107	115	92	1 85	H. M. Tiffany	540	3	36 68
...	400	8	112	98	63	1 59	John Hazelton	540	1	40 00
...	216	8	87	62	20	4 48	...	...	...	...
...	626	8	200	191	139	1 90	Tilman Smith	675	4	41 25
...	1212	8	412	382	271	1 09	P. B. Woods	720	6	36 00
...	875	8	176	176	135	2 08	James H. Morgan	1000	4	42 50
...	1475	8	518	463	354	1 60	Ernest W. Fellows	1000	11	51 46
...	849	8	205	204	139	2 08	J. O. Briggs	720	5	40 80
...	898	8	43	43	34	2 20	C. D. McGoan	405	1	30 00
...	698	8	250	274	211	1 60	J. D. Cherrisholmes	720	7	51 50
...	298	8	89	10	59	1 95	Johns Hayes	585	1	50 00
...	513	8	274	105	135	1 28	Richard Andrews	675	4	47 17
...	203	8	...	...	...	...	Anna Crawlwell	800	3	38 00
...	65	7.5	64	50	28	1 39	A. E. Murley	800	1	35 00

GRADED SCHOOLS--CONTINUED.

NAME OF TOWN.	Population, census of 1900.	Number months school	Enumeration between 5 and 21 years in 1904	Enrolled in school, 1903-1904.	Average attendance, 1903-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other teachers	Average salary per month of assistant teachers.
*Capital Park....		9	940	785	584	2 04	W. A. Brandenburg ..	\$1200	28	\$45 74
Coggon.....	498	9	177	162	131	1 25	W. L. Gates.....	540	3	35 00
Coln.....	574	9								
Colesburg.....	274	9	90	88	43	1 96	Gus Delaney.....	450	1	35 00
Collins.....	540	9	173	161	120	1 50	C. Baker.....	540	2	40 00
College Springs.....	623	9	205	145	120	1 51	Servia Babcock.....	495	3	43 33
Colo.....	391	9	172	148	114	1 58	M. C. Morrison.....	540	3	40 00
Columbus City.....	388	9	167	115	88	3 02	R. R. Hunt.....	350	3	37 50
Columbus Jet.....	1008	9	879	820	259	1 85	M. O. Couch.....	900	9	44 55
Conrad.....	483	9	180	181	149	1 64	D. R. Marling.....	675	4	42 50
Conway.....	343	9.5	140	138	120	2 22	Will R. Woodruff.....	425	4	39 75
Coon Rapids.....	1017	9	458	392	286	1 41	C. F. Schell.....	900	7	42 00
Correctionville.....	985	9	540	374	320	1 62	T. B. Morris.....	1150	6	44 00
Corwith.....	651	9	190	190	119	2 70	J. R. Bagge.....	900	5	44 33
Corydon.....	1477	9	480	500	357	1 49	W. L. Pugh.....	1000	9	39 44
Crawfordsville.....	268	9	132	150	106	1 90	A. W. Graham.....	630	3	43 33
Cromwell.....	208	9	89	90	73	1 34	Alfred Peterson.....	510	1	40 00
Crystal Lake.....	248	9	85	84	41	1 80	Minnie Cramer.....	380	1	34 00
Cumberland.....	591	9	261	241	163	1 35	Frank Lindeman.....	810	3	55 00
Curlaw.....	170	9	78	62	34	2 80	P. A. Long.....	540	1	35 00
Cushing.....	237	9	108	99	76	2 01	E. P. Nelson.....	540	3	51 25
Dahlonega.....	125	8	62	44	31	2 07	C. D. Giltner.....	280	1	30 00
Dakota City.....	362	9	136	126	90	1 52	E. B. Bravender.....	550	2	37 22
Dallas.....	187	9.5	108	89	61	1 36				
Dallas Center.....	625	9	293	276	215	1 9	W. H. Gemmill.....	945	3	52 50
Davis City.....	617	9	225	225	177	1 16	J. M. Howell.....	580	4	37 50
Danbury.....	480	9	430	289	372	1 83	H. S. Stein.....	810	9	47 33
Danville.....	286	9	47	60	48	1 90	W. L. Packer.....	500	1	35 00
Dawson.....	290	9	150	89	73	1 08	Grace M. Rice.....	320	1	39 00
Dayton.....	753	9	229	229	176	1 55	Anna B. Black.....	525	5	43 00
Decatur.....	867	9	156	161	83	1 56	S. A. Krell.....	400	2	35 00
Dedham.....	374	9	147	139	86	1 71	H. W. Dana.....	600	3	40 00
Deep River.....	403	9	215	200	131	1 27	M. F. Morgan.....	810	3	35 00
Defiance.....	387	9	135	155	99	1 68	B. M. Taylor.....	540	4	45 00
Delaware.....	313	9	111	90	66	2 04	Anna O'Connor.....	450	2	35 00
Delhi.....	333	9	160	120	88	1 41	T. V. Hunt.....	495	2	39 50
Delmar.....	592	9	223	161	120	1 40	Joseph M. Fouts.....	54	3	36 66
Delta.....	681	9	257	254	168	1 73	C. E. Humphreys.....	520	6	38 33
Derby.....	197	9	91	84	52	1 29	Elida Johnston.....	390	1	35 00
Denver.....	102	9	111	63	34	1 08	Wynona L. Knight.....	380	1	35 00
De Sota.....	345	9	149	144	102	1 75	J. R. Cash.....	675	4	51 25
Dewey.....	15	9	54	54	33	2 40	C. A. Nystrom.....	490	1	40 00
Dexter.....	795	9.5	243	224	144	3 67	D. P. Repass.....	1	7	54 89
Diagonal.....	383	9	175	128	119	1 54	L. M. Burgess.....	540	3	38 33
Dickens.....	241	9	108	108	66	1 95	John Larson.....	450	2	40 00
Dike.....	200	9	95	67	21	2 02	M. G. Ganekin.....	406	1	41 00
Dixon.....	310	9	104	85	60	1 61	Wm W. Graham.....	490	1	42 50
Dolliver.....	250	9					Blanch Miles.....	630	1	40 00
Donnellson.....	279	9	94	88	50	1 85	Sadie M. Britton.....	460	2	40 00
Doon.....	545	9	194	192	140	1 98	B. T. Yonel.....	783	4	47 50
Dow City.....	462	9	228	210	163	2 00	H. D. Kies.....	810	3	52 00
Downey.....	110	9	61	51	22	1 33	Marv Secrest.....	405	1	40 00
Dows.....	818	9	281	289	202	1 98	W. H. Blakely.....	900	9	49 99
Drakeville.....	238	9	90	77	5	1 23	M. C. Galpen.....	240	2	42 50
Dumont.....	433	9	205	176	124	1 45	M. M. McFee.....	588	3	40 64
Duncombe.....	350	9	138	128	90	1 47	I. C. Lovejoy.....	495	2	38 75
DeWitt.....	1323	9	423	273	201	1 93	Margaret Buchanan.....	910	7	45 02
Dunlap.....	1355	9	606	475	393	1 57	E. O. Bronson.....	1000	11	46 25
Durant.....	540	9	201	147	100	1 64	T. C. Wickes.....	630	2	46 25
Dyersville.....	1823	10	650	76	60	2 55	W. E. Evans.....	700		
Dysart.....	902	9	298	242	207	1 64	W. G. Martin.....	810	5	46 00
Earlham.....	630	9	276	340	238	1 48	W. H. Monroe.....	1100	6	52 00
Earling.....	840	9	155	53	31	2 61				

* P. O. Des Moines,
 † See Snow Hill
 1891 & 60.

GRADED SCHOOLS--CONTINUED.

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le	579	0	215	190	151	1 02	B. J. Still	675	6	343 00
s Place	619	0	188	194	161	1 21	W. H. Hazzard	680	8	41 68
ern	252	0	96	80	50	1 00	Elizabeth Rittgers	640	3	43 85
ood	509	0	87	182	132	1 82	W. O. Patterson	800	2	37 50
n	344	0	112	92	64	1 87	S. M. Wallace	680	5	34 00
ru	10	0	210	169	137	1 54	J. H. Rohde	450	2	35 00
t	325	0	120	90	22	1 54	J. H. Williams	675	4	47 68
t	325	0	190	116	84	2 36	M. G. Peterson	450	2	45 00
th	516	0	168	194	155	1 53	Peter White	450	3	36 00
th	242	0	103	110	82	1 83	W. B. Gregg	720	5	40 00
th	319	0	160	147	105	2 14	J. W. Long	840	3	38 00
l	976	0	335	302	222	1 35	O. S. Von Krog	720	2	40 00
l	167	0	68	58	48	1 48	A. R. McCook	675	6	40 88
on	315	0	74	38	40	1 88	Amos Hill	495	1	35 00
r	502	0	217	196	155	2 00	Cassie O. Worley	405	1	38 00
th	1321	0	291	258	172	1 94	J. D. Reed	720	5	44 00
th	679	0	175	128	97	2 33	J. C. Blyman	1000	0	48 33
	710	0	242	220	163	1 45	Annie J. O'Connor	480	5	44 00
	500	0	184	120	89	1 78	M. H. White	680	3	40 00
	609	0	237	243	150	2 18	F. B. Steeds	680	3	40 00
lle	1231	0	340	292	243	95	Estella Sullivan	405	3	36 50
	851	0	319	250	191	1 44	L. P. Breeden	810	2	43 33
	101	0	100	90	53	1 78	F. A. Nims	810	0	41 07
nk	644	0	218	141	104	1 24	C. E. Evans	320	1	41 67
t	271	0	307	262	177	1 77	W. Miller	540	3	41 67
rburg	613	0	289	164	127	3 25	W. S. Mason	585	2	34 10
rgton	140	0	106	85	68	1 30	Mary Rourke	560	1	35 00
rnville	1332	0	709	336	275	1 51	A. F. Rogers	450	7	33 37
ut	348	0	128	114	83	1 34	A. F. S. Owen	800	7	33 37
e	514	0	191	168	140	2 07	O. E. Hibbs	540	3	37 50
	1315	0	356	257	182	2 19	C. P. Beal	900	4	41 50
	175	0	78	61	34	1 93	J. E. Moore	1000	9	52 35
	180	0	88	80	63	2 63	C. A. McChesney	450	1	45 00
	213	0	111	111	69	1 54	C. E. Ekinbary	400	1	50 00
	363	0	109	103	60	1 39	L. J. Anderson	380	3	40 00
	1180	0	342	371	250	2 90	E. A. Sheldon	675	3	48 33
elle	853	0	269	201	158	1 65	C. J. Boyington	832	7	46 28
kinson	264	0	177	6	23	2 31	P. P. Sullivan	1000	6	43 33
	206	0	128	128	84	3 18	W. A. Daakman	460	1	30 00
in	210	0	115	54	35	1 18	N. J. Hibbs	495	1	40 00
ville	171	0	61	51	33	2 40	Jessie Dunagon	175	2	29 50
ckaburg	1000	0	355	281	148	1 92	Anna C. Duggan	320	1	38 37
rt	685	0	305	190	112	94	J. E. Stuckley	540	3	31 00
nt	180	0	65	57	20	1 47	Ray Golly	540	3	35 00
ika	542	0	163	177	120	1 54	Clara Stinson	290	1	30 00
	170	0	69	47	18	1 83	Charles E. Young	580	5	44 00
	209	0	78	75	55	1 81	Bertha L. Johnston	270	1	30 00
	456	0	190	200	140	1 00	H. W. Sutter	600	2	43 77
n Grove	651	0	228	228	172	4 06	F. L. Renshaw	675	5	47 00
villo	340	0	132	89	55	1 68	A. L. Lyon	810	5	44 00
r	1288	0	422	357	280	2 30	W. E. Lockridge	565	2	35 00
on	482	0	182	151	115	1 85	W. J. Jerome	930	11	41 07
a	300	0	69	71	51	1 87	L. J. McGinulty	765	8	43 33
a	394	0	126	120	88	2 49	E. S. Smith	495	1	40 00
inia	394	0	119	111	88	2 53	E. T. Gilman	630	3	50 00
i	99	0	89	49	48	1 09	A. E. Jewett	540	2	41 50
t Station	158	0	123	109	75	1 67	B. L. Dorman	885	1	40 00
n	465	0	218	181	130	1 93	Harry Kies	500	1	40 00
re City	687	0	143	243	172	2 72	D. A. Tisdale	680	4	47 75
n	470	0	185	130	100	1 38	L. A. Wilson	675	4	40 00
rook	842	0	324	272	213	1 90	Will A. Pye	680	3	40 00
m	783	0	275	247	241	1 50	H. B. Shoemaker	810	5	45 80
eld	628	0	258	257	173	1 80	E. D. Gepson	900	6	53 00
ll	254	0	104	104	74	3 28	O. H. Benson	765	8	49 42
						1 83	J. D. G. Houghton	496	2	40 00

GRADED SCHOOLS—CONTINUED

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Gowrie	681	9	232	197	177	\$ 27	W. H. Ray	\$ 720	4	\$36 75
Graettinger	388	9	206	190	118	48	F. H. Dawson	495	5	40 00
Grafton	168	9	95	55	44	90	Mary Curry	587	1	40 00
Grundy Center	1822	9	437	387	292	2 09	C. L. Love	1000	12	45 00
Grand Mound	855	9	136	118	87	1 53	A. Deiderich	650	2	37 50
Grand Junction	1113	9	377	310	207	1 82	T. R. Amle	900	6	40 75
*Grant Park .....	.....	9	525	405	237	48	E. O. Beaton	540	14	40 00
Grand River	876	8	127	183	90	77	H. L. Cosner	480	3	33 33
Grant City	249	9	90	66	39	1 85	A. E. Brown	815	1	35 00
Granville	351	10	139	62	39	2 60	R. M. Lampman	600	1	40 00
Gravity	549	9	186	176	129	1 41	W. H. Cash	506	4	44 25
Gray	180	9	68	58	67	1 96	K. G. Lancelot	540	2	36 00
Greely	438	9	130	125	78	2 37	Phos. Farrell	585	8	40 00
Greene	1192	9	338	305	260	1 84	W. W. Overmeyer	1000	8	45 00
Greenfield	1900	9	470	369	240	1 63	W. R. Andrews	1100	10	42 25
Grimes	196	8	168	177	110	1 22	P. L. Sager	590	4	40 00
Griswold	909	9	243	244	201	1 81	D. C. Nelfert	1000	5	43 40
Guthrie Center	1199	9	476	398	306	1 49	C. V. Williams	900	10	43 40
Guernsey	124	8	76	67	30	1 34	W. A. Service	400	1	40 00
Hartwick	120	8	64	64	36	57	L. J. White	810	1	35 00
Horton	100	9	64	68	25	1 50	Maud Meeker	360	1	35 00
Hamilton	593	8	225	179	120	1 48	Mrs. Edna Whitlatch	495	3	40 00
Hancock	267	9	100	91	70	2 15	N. S. Lyman	690	2	40 00
Harcourt	192	8	76	68	35	1 85	Mabel Langdon	360	1	36 00
Hardy	174	9	116	86	55	2 37	Elsie T. Atwood	450	1	35 00
Harper's Ferry	250	9	116	91	66	1 28	M. D. Kelly	450	1	35 00
Harris	317	9	.....	.....	.....	.....	E. E. McFarland	540	1	40 00
Hartford	190	8	82	68	50	1 31	R. A. Sell	320	1	37 00
Hartley	1006	9	311	309	208	1 75	D. M. Odle	1000	9	45 25
Hastings	404	9	148	125	94	1 56	U. S. Webber	540	3	45 00
Havelock	397	9	121	126	92	2 34	Bion H. Culver	675	3	40 33
Hawkeye	518	9.5	112	168	122	1 34	E. C. Preston	606	4	44 00
Hayfield	104	7.5	73	61	45	1 65	Mabel Walker	298	1	34 00
Hazelton	500	9	227	247	106	1 78	Harriet H. Wroten	406	3	38 33
Hedrick	1035	8	358	336	291	1 25	Mary Bryant	600	6	38 33
Henderson	244	9	100	109	71	2 59	J. B. Van Pelt	680	3	36 40
Hesper	329	9	97	99	55	1 69	J. P. Street	540	1	50 00
Hiteman	1000	9	654	423	351	95	L. W. Pike	765	6	37 50
Hillsboro	225	8	90	80	55	1 77	O. A. Collins	480	1	35 00
Hillsdale	244	9	148	114	73	1 77	Ernestine Houston	450	2	40 00
Hocking	400	9	165	239	156	1 03	John Hickman	450	3	36 25
Holland	175	9	68	64	44	1 67	W. G. Strack	315	1	32 00
Holstein	870	9	383	275	222	2 10	R. A. Griffin	810	6	30 00
Hopewille	145	7.5	41	72	58	1 21	L. O. Smith	5	1	38 30
Hopkinton	787	9	257	204	157	1 82	John G. Snam	652	4	41 00
Hornick	294	9	107	113	73	2 28	T. V. Bird	540	5	44 00
Hosper	415	10	206	182	82	1 81	J. Guy Honnold	600	2	44 33
Hubbard	676	9	208	160	109	2 37	W. O. Reed	774	4	45 30
Hull	629	9	321	242	200	2 13	S. T. Neveln	810	7	47 70
Humboldt	1474	9	423	464	354	1 67	C. S. Cory	1050	10	46 50
Humeston	945	9	330	295	224	1 58	Inez F. Kelso	900	5	38 71
Imogene	206	9	95	91	50	1 79	C. B. Woodrum	450	1	38 33
Incline	750	9	63	41	24	2 46	.....	.....	.....	.....
Indianapolis	142	8	66	60	20	2 30	Frank Halle	400	2	42 50
Inwood	477	9	212	192	149	1 80	B. L. Bankert	675	4	43 33
Ionia	306	9	145	122	96	1 75	O. N. Oleson	540	3	40 00
Iowa Center	300	8	69	50	34	2 05	Naile White	300	5	40 00
Ireton	545	9	227	184	138	2 00	J. E. Johnson	675	4	50 00
Irwin	205	9	122	130	88	2 04	James Seymour	540	3	45 00
Jamaica	428	0	181	128	108	1 22	E. O. Kinney	690	3	30 00
Janesville	311	9	94	85	84	1 57	R. A. Fenton	540	1	40 00
Jerome	300	8	71	109	80	1 23	G. W. Horn	320	.....	.....
Jesup	690	9	162	168	119	1 98	T. A. Walters	675	4	38 75
Jewell	947	9	283	216	167	1 53	A. R. Gardiner	765	4	40 00
Jolley	206	9	109	97	50	2 94	H. A. Crawford	540	2	40 00

GRADED SCHOOLS—CONTINUED.

NAME OF TOWN.	Population, census of 1900.	Number months school.	Enumeration between 5 and 21 years in 1904.	Enrolled in school 1903-1904.	Average attendance, 1903-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other teachers.	Average salary per month of assistant teachers.
Adams	530	9	256	148	110	1 77	W. S. Mitchell	\$ 575	2	\$40 00
Adams	228	9	150	112	89	1 06				
Adams	273	9	116	118	78	2 15	O. A. Pillsbury	675	2	40 00
Adams	486	9	197	106	150	1 67	H. H. Linton	552	4	40 50
Adams	353	9	173	107	118	1 81	F. M. Phillips	750	4	38 50
Adams	223	9	73	73	45	2 43	James S. Francis	540	1	50 00
Adams	459	9	156	123	98	1 02	Amos Huffman	*	2	30 00
Adams	233	9	236	174	126	1 66	W. T. Wolfe	585	4	38 00
Adams	906	9	273	256	203	1 60	Charles Yeager	720	6	38 00
Adams	350	9	156	152	131	2 10	Frank Shultz	520	2	35 00
Adams	406	9	123	65	68	1 90	J. H. Rozema	650	2	45 00
Adams	277	9	101	81	47	2 08	Charles West	540	2	37 20
Adams	720	9	302	323	243	1 21	W. A. Burton	810	7	48 57
Adams	132	9	77	68	59	1 61	H. P. Trumbo	440	1	40 00
Adams	208	9	74	74	45	1 77	W. J. Luxford	540	2	45 00
Adams	402	9	159	141	105	1 52	C. H. Thomas	440	3	35 00
Adams	262	9	127	107	67	1 83	G. G. Washburn	360	2	41 00
Adams	267	9	116	113	72	1 32	B. H. Callison	360	2	32 50
Adams	248	9	67	51	32	2 50	Ellis M. Parker	400	1	30 00
Adams	1117	9	558	590	281	1 40	David Williams	1000	8	41 25
Adams	496	9	211	124	144	1 19	George Eaton	585	3	36 67
Adams	289	9	123	108	86	2 30	T. E. McDonald	630	3	44 00
Adams	129	9	514	44	329	1 63	W. H. Whitford	765	11	
Adams	540	9					Maurice Hassel	765	5	41 00
Adams	591	9	180	172	129	1 75	John B. Slacke	680	4	39 00
Adams	686	9	314	230	179	1 42	C. G. Sutton	675	5	38 00
Adams	272	9	143	125	96	1 22	Emma C. Ahlers	405	2	30 00
Adams	100	9	59	54	32	2 53	S. E. Duvillain	320	1	27 74
Adams	1436	9	514	296	273	1 85	W. H. Ray	1200	7	40 00
Adams	1419	9	456	381	275	1 35	L. n. Minkel	1000	8	44 36
Adams	450	9	151	151	108	1 97	C. B. Mericle	675	3	46 67
Adams	125	9	68	78	43	2 19	J. L. Wheeler	540	1	45 00
Adams	310	9	156	128	76	1 62	M. H. Madsen	675	2	37 00
Adams	353	9	310	303	250	1 55	W. H. Reeve	800	7	46 23
Adams	546	9	250	101	69	1 53	A. F. Rholinger	670	3	35 33
Adams	907	9	166	142	104	2 40	E. W. B. Mark	720	4	42 50
Adams	257	9	90	77	53	2 24	A. E. Marble	450	2	40 00
Adams	408	9	123	89	61	2 28	G. M. Dimmitt	485	2	40 00
Adams	306	9	459	206	200	1 16	E. E. Cavanaugh	575	5	38 00
Adams	315	9	132	70	48	2 30	Joseph Bowman	320	2	32 66
Adams	204	9	60	67	45	1 00	H. C. Polesfraz	400	2	42 50
Adams	214	9	344	273	243	1 09	E. E. Kuhn	1000	9	51 24
Adams	225	9	96	82	64	2 04	R. E. Scott	540	2	45 00
Adams	337	9					L. P. Breeden	630	3	40 00
Adams		9	138	115	96	2 11	O. E. Moffitt	585	3	40 00
Adams	613	9	233	253	243	1 39	A. D. King	720	5	42 50
Adams	82	9	84	54	33	2 00	C. O. Taylor	320	1	30 00
Adams	350	9	96	75	68	1 28	Harley Young	400	1	35 00
Adams	150	9	31	27	20	2 50	L. J. Cunniff	400		
Adams	606	9	224	181	139	1 97	F. A. Welch	675	5	40 00
Adams	314	9	137	142	133	1 63	C. F. Barrows	535	4	46 25
Adams	690	9	262	215	162	1 66	O. H. Holten	675	4	41 25
Adams	375	9	144	149	114	1 62	O. F. Eakin	600	3	38 50
Adams	953	9	281	207	168	1 82	P. W. Peterson	1000	5	44 20
Adams	336	9	146	118	96	2 08	C. W. Lyons	675	3	42 00
Adams	399	9	110	95	77	2 67	J. E. Troth	630	3	45 00
Adams	427	9	158	152	121	1 45	J. M. Ireland	680	3	35 00
Adams	618	9	205	190	134	2 24	Henry W. Chebeck	675	5	45 00
Adams	217	9	179	191	130	1 67	T. Tompkins	600	3	40 00
Adams	1377	9	437	433	360	1 67	C. E. Blodgett	1125	10	48 00
Adams	597	9	192	181	143	1 83	W. W. Bell	505	5	45 00
Adams	600	9	176	167	143	1 74	F. L. Mahannah	800	4	40 00
Adams	587	9	204	180	134	2 11	M. I. Roberts	765	6	41 00
Adams	500	9	178	168	134	1 25	G. E. Farley	730	3	34 00
Adams	511	9	168	143	98	1 63	W. J. VanDyke	530	3	35 00

REPORT OF COUNTY SUPERINTENDENTS.

GRADED SCHOOLS—CONTINUED.

NAME OF TOWN.	Population, census of 1900	Number months school	Enumeration between 6 and 21 years in 1914.	Enrolled in school, 1903-1904	Average attendance, 1903-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.
Lowden	544	0	225	148	100	1 75	B. S. Longerbeam....	\$ 2
Low Moor.....	518	0	117	99	69	1 00	L. Ella Luxena.....	4
Lucas	1132	0	561	849	343	1 89	J. W. Jackson.....	2
Luton.....	110	0	...	...	...	...	Miss E. Castle.....	2
LaVerne	594	0	218	174	140	1 81	S. Guiles .....	...
Lynnville	347	0	...	...	...	...	A. T. Gifford.....	2
Macedonia.....	295	0	170	155	111	1 89	H. L. Callet.....	2
Mackebunrg.....	235	0	...	...	...	...	E. J. Henney.....	2
Madrid	1021	0	311	251	190	2 23	E. L. Meek.....	2
Magnolia	267	0	142	127	92	1 47	C. C. Knoll .....	...
Malcom	404	0	134	132	124	99	S. H. Wood.....	...
Maloy	210	8	42	40	33	2 12	Anna Jordan.....	...
Malvern	1106	0	404	321	259	1 75	L. D. Salisbury... ..	14
Manila	778	9	382	248	239	1 00	J. C. Richter.....	...
Manly	359	9	123	95	80	1 62	G. C. Clemmer.....	...
Manning	1106	9	482	434	351	1 40	C. J. Johnson.....	14
Manson	1424	9	440	434	329	1 67	G. W. Young.....	1
Mapleton	1049	0	396	331	226	2 13	W. B. Buckley	14
Marble Rock	573	9	...	...	...	...	L. E. Eickelberg	4
Marathon	639	8.2	254	239	214	1 87	E. C. Roberts.....	2
Marcus	718	9	302	187	123	2 03	E. A. Brinton.....	2
Marns	410	9	143	120	113	1 9	Irving Lynch	1
Martale .....	...	9	58	70	50	1 75	George Johnson.....	...
Martinsburg	332	8	108	106	86	1 57	W. S. Yeager .....	...
Marysville	322	8	155	128	88	1 35	Oliver Gilderboom	2
Mascena	475	0	183	180	117	1 75	H. B. Hetzel.....	4
Maurice	240	9	65	69	48	2 70	Allan Van Wechel.....	...
Maxwell	810	0	311	265	187	1 68	C. W. Kirk .....	...
Maynard	495	9	100	130	108	1 67	A. G. Peaks	4
McGregor.....	1404	9.5	453	472	332	1 85	Josephine Harrison....	...
McIntire	427	0	19	164	111	1 40	E. M. Fox .....	...
McIntireville	703	9	202	210	152	1 64	Guy H. Scobey.....	...
Metropolis	725	9	240	233	169	1 81	T. M. Clevenger.....	3
Meigsburg	346	9	154	125	83	2 05	U. G. Brown	2
Melrose	400	9	211	170	118	1 54	Anna M. Mahon....	...
Mendota	428	0	159	190	121	1 87	James Lawrey.....	...
Menden	432	9	102	118	69	2 21	W. O. Dailey	4
Merrill	389	9	18	122	88	2 19	R. T. S.	4
Meservey.....	123	0	81	89	73	2 05	Elizabeth W. Russell..	...
Miles	385	0	122	137	96	2 03	W. J. Hunt .....	...
Milford	418	8	170	184	8	3 34	E. D. Leonard.....	...
Millersburg	545	8	44	102	73	1 85	A. H. Cutler .....	...
Milo	546	0	210	212	160	1 81	P. M. Hersom.....	...
Milton.....	840	8	183	263	240	1 30	Frank Jarvis	2
Minerva	117	9	165	154	118	1 77	F. H. Fugert	4
Minden	724	0	202	16	110	2 18	J. W. Atchley.....	4
Mint Hill	245	0	141	158	104	1 90	H. E. La Rue	4
Minervaville	768	0	245	20	15	1 40	Earnest Coad .....	...
Modell	38	0	191	123	92	1 47	Sue T. Faith .....	...
Monona	354	7	75	53	35	1 54	Margaret Stepheney ..	2
• Monro .....	...	8.5	183	120	64	1 22	Joan L. Cherney .....	...
Mondamin	354	9	120	140	108	1 75	R. R. Wilson.....	4
Monroah	381	9	110	143	104	1 58	E. R. Stoddard.....	...
Monrovia	674	0	214	221	178	1 65	C. S. Dodds .....	...
Moore	917	8	23	190	141	1 78	C. T. Reed .....	...
Montezuma	1210	0	518	37	331	1 85	C. E. Douglass	12
Montour	502	9	100	15	89	2 67	Viola Ward	4
Montrose	748	8	21	181	130	1 52	G. W. Kennedy.....	4
Moravia	632	8	247	232	182	1 30	T. B. Markbury.....	4
Morning Star	848	12	321	320	204	1 72	L. T. Hill	14
Morrison	170	0	58	65	48	1 86	Ida P. Richmond	4
Moscow	243	9	61	56	39	1 61	C. M. Raff .....	...
Mt. Auburn	291	9	65	68	50	1 90	J. W. Jones	4
Mt. Etna	156	9	46	32	...	...	G. W. Shoemaker....	2
Mt. Sterling.....	300	0	95	90	55	1 11	Paul E. Wright.....	2

* P. O. Hustad.
† 1902½.

GRADED SCHOOLS—CONTINUED.

TOWNSHIP.	TOWN.	Population census of 1930.	Number months school.	Enumeration between 5 and 21 years in 1934.	Enrolled in school, 1938-1939.	Average attendance, 1938-1939.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL 1938-1939.	Annual salary.	Number of other teachers.	Average salary per month of assistant teachers.
St. Union	St. Union	878	9	78	74	61	1.63	J. W. Roberts	+	1	\$35.00
St. Union	St. Union	1420	9	430	348	315	1.40	J. M. Stelle	\$ 900	10	45.00
St. Union	St. Union	607	9	200	192	167	1.23	J. F. Burgess	878	4	32.50
St. Union	St. Union	690	9	294	220	190	1.80	S. A. Reid	745	6	28.00
St. Union	St. Union	1288	9	380	348	290	1.97	R. C. Hill	950	10	44.50
St. Union	St. Union	87	8	72	76	67	1.67	O. W. Moore	488	1	40.00
St. Union	St. Union	921	9	408	240	179	2.30	J. M. Rapp	900	6	55.50
St. Union	St. Union	548	9	220	171	121	1.23	C. E. Wright	593	8	32.00
St. Union	St. Union	50	8	73	68	40	1.60	Joseph H. Reed	250	2	30.00
St. Union	St. Union	762	9	254	250	194	1.88	E. W. Vogel	810	7	47.50
St. Union	St. Union	200	9	110	78	60	3.07	E. E. Steadman	405	1	45.00
St. Union	St. Union	510	9	195	178	128	1.90	Harry Eells	600	6	43.40
St. Union	St. Union	1003	9	300	240	180	1.61	N. E. Johnson	720	6	53.00
St. Union	St. Union	600	9	225	220	140	1.49	R. E. Davenport	450	2	37.50
St. Union	St. Union	238	9	189	100	69	2.10	Walter S. Nye	495	2	45.00
St. Union	St. Union	1253	9	406	325	311	1.82	John McPherson	810	8	43.25
St. Union	St. Union	453	9	181	124	91	1.62	John W. Agens	648	2	37.50
St. Union	St. Union	278	9	141	118	87	1.18	C. L. Nyemaster	540	2	35.00
St. Union	St. Union	220	8	121	112	72	2.15	J. E. Cundy	630	5	35.00
St. Union	St. Union	1200	9	347	332	278	1.80	E. F. Fisher	765	15	43.12
St. Union	St. Union	643	9	317	312	240	1.29	J. R. McCookham	765	6	33.12
St. Union	St. Union	616	9.5	220	178	121	1.68	D. M. Cooper	600	8	40.00
St. Union	St. Union	1271	9	423	420	300	1.40	L. Reed	800	7	45.00
St. Union	St. Union	237	9	105	94	60	1.53	Mrs. Rose Crow	400	1	45.00
St. Union	St. Union	579	9	205	102	63	2.23	A. W. Moore	750	8	40.00
St. Union	St. Union	703	9	114	88	72	1.07	Lenah Dorman	700	1	57.50
St. Union	St. Union	1432	9	481	394	310	2.03	Thos. D. Hutton	1500	11	45.00
St. Union	St. Union	690	9	216	216	165	1.43	J. R. Wilson	720	4	51.25
St. Union	St. Union	918	9	488	352	255	1.68	I. D. Shuttleworth	810	7	44.00
St. Union	St. Union	923	9	453	455	300	2.23	W. H. Mayne	810	12	49.79
St. Union	St. Union	602	9	307	273	215	1.25	Clara E. Thompson	630	6	40.00
St. Union	St. Union	238	9	250	204	184	2.00	T. J. Cowan	450	6	42.00
St. Union	St. Union	238	9	104	101	88	1.47	Ed Duree	400	1	35.00
St. Union	St. Union	820	9	146	172	112	1.78	J. R. W. Seiber	675	3	41.07
St. Union	St. Union	203	9	83	90	74	1.10	Thomas B. Homan	675	2	40.00
St. Union	St. Union	116	9	78	81	44	1.68	F. E. Fowles	405	1	55.00
St. Union	St. Union	271	9	91	74	44	1.93	Herbert L. Longley	405	1	40.00
St. Union	St. Union	206	9	152	204	204	2.00	A. vanderPloeg	720	4	42.40
St. Union	St. Union	110	9	64	64	18	1.83	Frank L. Kolb	405	1	35.00
St. Union	St. Union	870	9.5	281	100	80	1.06	A. C. Green	712	2	40.00
St. Union	St. Union	1487	9	764	519	370	1.72	O. A. Russell	1000	18	40.48
St. Union	St. Union	654	9	280	182	141	1.72	O. W. Herr	738	4	40.00
St. Union	St. Union	780	9	306	229	180	1.65	R. W. Slen	720	5	58.50
St. Union	St. Union	141	9	64	64	18	1.83	P. H. Paulson	720	4	42.50
St. Union	St. Union	732	9	241	261	178	1.41	O. H. Marsh	450	1	40.00
St. Union	St. Union	264	9	81	71	68	1.89	Mira Montgomery	340	1	85.00
St. Union	St. Union	105	8	66	66	65	1.41	W. E. Talbot	405	2	42.80
St. Union	St. Union	180	6	69	65	60	1.89	M. A. Cromwell	450	1	80.00
St. Union	St. Union	178	9	78	67	48	2.00	H. M. Thompson	540	2	45.00
St. Union	St. Union	221	9	151	114	78	2.24	O. W. Bays	810	5	50.25
St. Union	St. Union	968	9	365	236	180	1.88	W. T. DeMar	1000	7	42.86
St. Union	St. Union	1164	9	355	297	258	1.59	O. E. Dixon	630	3	57.50
St. Union	St. Union	838	9	110	178	112	1.62	J. F. Bradshaw	340	1	30.00
St. Union	St. Union	108	9	110	124	87	1.44	Sylvia Westcott	1000	7	43.65
St. Union	St. Union	617	9	311	254	202	2.10	E. E. Martin	675	6	40.00
St. Union	St. Union	601	9	18	135	88	2.11	Peter Jacobs	675	6	40.00
St. Union	St. Union	621	9	140	177	132	1.81	E. O. Clarke	675	6	40.00
St. Union	St. Union	358	9	180	170	145	1.56	James P. Daughton	450	2	34.33
St. Union	St. Union	315	9	118	103	68	1.64	E. E. Eentay	675	6	40.00
St. Union	St. Union	330	9	154	187	101	1.47	W. H. Gelvin	675	6	40.00
St. Union	St. Union	164	8	85	93	68	1.25	Clara Grace	410	1	35.00
St. Union	St. Union	728	8	208	230	155	1.70	Julia Mullin	640	0	31.33
St. Union	St. Union	197	9	170	148	116	1.25	W. C. Kennedy	655	3	44.66
St. Union	St. Union	318	9	170	148	116	1.25	Mary K. Hobbs	655	3	44.66
St. Union	St. Union	318	9	170	148	116	1.25	Mark Mullin	655	3	44.66

P. O. De Moines. + \$427.50.

GRADED SCHOOLS—CONTINUED.

NAME OF TOWN.	Population, census of 1900.	Number months school.	Enumeration between 5 and 21 years in 1904.	Enrolled in school 1903-1904.	Average Attendance.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other
Plymouth.....	400	9	150	107	84	3 90	F. M. McClintock.	\$ 522	
Pocahontas.....	625	9	311	223	158	1 83	J. J. Rno	875	
Polk City.....	482	8	195	25			Lewis H. Andrews.	480	
Pomeroy.....	910	9	390	270	288	1 93	O. Patten.	785	
Popejoy.....	160	9					G. H. Washburn	888	
Portsmouth.....	316	9	190	85	57	3 77	Katie Griffin.	540	
Postville.....	984	9	411	284	248	1 52	A. Wilson.	765	
Pulaski.....	902	8	152	117	98	1 42	Arminia B. Nerry	400	
Prairie City.....	808	9	300	108	145	2 07	H. E. Jones	720	
Prairieburg.....	216	9	92	92	57	1 50	E. E. Brunneman	540	
Prescott.....	446	9	161	183	168	2 51	J. A. Griffith	680	
Preston.....	598	9	220	167	181	1 98	H. A. Stowell	785	
Pringhar.....	814	9	328	339	298	1 44	H. A. Mitchell.	1000	
Primrose.....	125	8	77	72	47	1 44	Gerald Dillavan	400	
Princeton.....	450	9	144	120	85	1 63	J. T. Padgham	540	
Promise City.....	251	8	111	150	90	1 41	J. B. Ulm	480	
Quasqueton.....	500	9	167	189	108	1 55	Anna E. Barrett	540	
Quincy.....	300	9	92	92	50	2 43	Guy Clevenger.	562	
Radcliffe.....	645	9	214	216	145	1 94	C. F. Kuehne.	810	
Ralston.....	75	9	72	56	39	2 56	Emma Reese	540	
Randalla.....	117	9	66	53	23	1 62	Lulu Beamer	485	
Randolph.....	873	9	160	171	128	2 21	Allan Peterson	675	
Rathburn.....	270	9	162	92	61	1 81	Nina Mosby	360	
Reasner.....	200	6	78	51	19	2 43	F. S. Wright	320	
Redding.....	311	8	103	98	77	1 72	E. W. Parker.	480	
Redfield.....	540	9	250	239	218	1 84	J. Pollock	675	
Reinbeck.....	1209	9	481	323	251	2 13	O. O. Jameyson.	900	
Remsen.....	835	9	567	145	108	3 05	John Hays	680	
Rhodes.....	476	9	221	171	159	1 32	F. D. Cartright.	545	
Renwick.....	650	9	183	129	103	1 90	A. L. Halstead	680	
Riceville.....	804	9	185	295	200	1 46	Paul M. Roy.	900	
Richland.....	534	9	165	184	124	1 55	W. O. Hicks.	565	
Richmond.....	200	9	181	73	41	1 84	Ellen V. Walsh.	405	
Ridgeway.....	371	9	123	119	79	1 80	T. R. Cole.	500	
Rippey.....	395	9	165	162	124	1 65	H. A. Glackenmeyer.	775	
Riverside.....	698	9	178	99	79	2 47	H. H. Hankins	675	
River Sioux.....	276						Bertha M. Dick.	815	
Riverton.....	687	9	247	302	164	1 63	O. V. Frazier	675	
Rockford.....	1080	9	313	322	246	1 74	J. O. Sanders.	1100	
Rock Valley.....	1051	9	605	302	271	1 77	E. P. Crocker	720	
Rockwell.....	830	9	222	130	110	2 31	Fred Mahannah	675	
Rockwell City.....	1222	9	430	363	233	2 18	L. C. Bryan.	900	
Rodney.....	173	9	63	87	52	2 40	F. M. Gushee.	430	
Rodman.....	180	9	80	79	45	1 93	Josephine Patton	360	
Roland.....	187	8	230	239	178	1 42	J. J. Scott	600	
Rolfe.....	904	9	4 8	416	320	1 43	F. L. Cassidy	900	
Rome.....	255	7	51	60	47	1 70	Carrie Campbell.	240	
Rose Hill.....	354	9	185	110	75	1 78	Frank Souter	480	
Rowan.....	213	9	131	119	103	1 65	F. E. Whitney.	480	
Rowley.....	250	9	66	55	33	2 17	Mae L. Toomey	315	
Rudd.....	381	9	109	92	73	1 71	Nellie C. Downa.	387	
Ruhnells.....	350	7	166	130	85	1 76	W. J. Bruner.	315	
Russell.....	638	9	186	207	141	1 64	S. W. Rowley	720	
Ruthven.....	766	9	273	230	190	1 82	H. A. Welty	1000	
Rutland.....	315	9	98	79	46	1 80	Lena Hughes	351	
Ryan.....	170	9	190	104	74	1 51	Izbie Graves	480	
Sabula.....	1029	9	311	250	223	1 30	Eva M. Flemming.	810	
St. Anthony.....	114	9	78	77	34	1 53	Mary Harrington.	405	
St. Ansgar.....	696	9	221	183	149	1 65	John P. Lund	800	
St. Charles.....	412	9	183	170	132	1 24	Wm. Miller	680	
St. Olaf.....	124	8	78	70	39	1 25	Amy Himes	280	
Salem.....	548	8 6	155	123	95	1 95	F. G. Hill		
Salix.....	387	9					LeRoy Anderson	540	
Sahborn.....	1247	9	432	362	295	1 90	J. J. Billingsly.	1050	
Savannah.....	78	8	183	101	41	82	W. L. Evans	240	
Schleswig.....	233	9	131	105	69	2 03	F. N. Olney	689	

GRADED SCHOOLS—CONTINUED

NAME OF TOWN.	Population, census of 1900.	Number months school.	Enumeration between 5 and 21 years in 1904.	Enrolled in school, 1903-1904.	Average attendance, 1903-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other teachers.	Average salary per month of month of month of teachers.
Schaller	681	9	123	214	210	1 52	H. C. Coe	720	3	342 50
Seranton	983	9	268	556	216	1 46	W. W. Bell	810	3	44 00
Searsboro	263	9	102	88	53	2 49	Ernest Tinkle	400	2	35 00
Sergeant Bluff ..	600	9	276	271	188	1 75	R. H. Sylvester	675	3	48 00
Shannon City ...	380	9	148	149	98	1 81	O. W. Hunt	675	3	40 00
Sharpsburg	160	9	70	63	40	2 13	Nina Wainright	450	2	40 00
Sheffield	688	9	220	228	171	1 75	J. F. Dodderer	765	5	48 00
Shelby	692	9	239	231	178	2 24	Benj Boardman	900	7	47 14
Sheldahl	179	9	79	80	54	1 67	Mary E. Hardy	400	1	40 00
Shellrock	820	9	220	243	220	1 50	J. J. Sharpe	765	6	46 07
Shellsburg	511	9	191	152	122	1 70	M. R. Fayrum	630	3	40 00
Sibley	1280	9	508	443	340	1 97	L. B. Parsons	1200	11	45 11
Sidney	1143	9	522	500	484	1 44	A. O. Fuller	1000	12	53 08
Silver City	428	9	180	158	125	1 72	J. R. Graham	675	3	46 47
Sioux Center	810	9, 5	311	240	196	1 50	J. L. Latta	†	5	43 50
Sioux Rapids	1006	9	331	295	207	2 00	P. L. Dorland	900	7	45 00
Slater	423	9	147	140	108	2 24	A. O. Wydel	650	5	40 00
Sloan	643	9	320	291	220	1 80	J. E. Vertz	765	9	49 22
Smithland	135	9	231	237	157	1 34	J. R. Shoup	720	6	46 07
Solon	397	9	133	133	118	1 48	J. W. Weber	480	3	38 38
South English	319	9	106	102	69	1 77	George Horrace	440	2	32 00
Spillville	356	9, 5	183	81	47	1 73	Stephen Kruckek	450	1	30 00
Spirit Lake	1219	9	421	403	276	1 94	R. S. Whitley	1000	10	42 50
Springdale	599	9	151	151	119	2 44	T. W. Hicks	900	4	47 50
Snow Hill .....	.....	9	198	180	154	1 43	E. A. Woodrow	630	4	37 50
Spring Hill	120	9	89	62	54	1 51	Howard Reed	405	1	35 00
Springville	600	9	194	213	183	1 70	J. E. Ricks	720	6	37 50
Stacyville	400	9	220	91	68	2 25	Oscar Mueller	675	1	43 33
Stanhope	279	9	113	105	71	1 25	Fred O. Runkle	450	2	37 50
Stanton	404	9, 5	205	189	170	1 16	C. E. Hill	535	3	47 00
Stanwood	415	9	185	143	108	2 35	P. H. Filer	675	4	44 75
State Center	1008	9	327	281	287	1 87	E. N. Gibson	900	7	47 00
Steamboat Rock ..	410	9	186	119	87	2 12	O. B. Chaswell	585	3	43 33
Stockton	180	9	41	59	39	1 61	E. L. Ferrier	500	1	40 00
Story City	1197	9	438	350	292	1 08	Julia Hagen	630	3	.....
Stratford	458	9	190	151	114	1 65	J. M. Holaday	700	3	40 00
Strawberry Point	1012	9	274	232	182	1 54	J. E. Trotter	900	5	39 00
Sumner	1437	9	502	406	282	1 48	T. J. Durant	1000	7	38 50
Superior	167	9	72	60	60	1 50	M. R. Powers	450	1	40 00
Sutherland	723	9	290	249	240	1 38	F. E. Teller	950	5	45 00
Somers	100	9	79	55	25	1 24	Florence Sayles	320	.....	.....
Swan City	322	9	136	125	98	1 75	O. A. Smith	675	3	40 00
Swan	406	9	152	123	81	1 60	Walter E. Wellons	400	2	40 00
Swaledale	240	9	112	80	62	1 83	Lucien Silvers	540	1	50 00
Tabor	984	9	378	310	214	1 96	G. U. Gordon	720	9	42 75
Templeton	321	9	194	85	24	2 06	.....	.....	.....	.....
Thayer	394	9	76	71	47	1 78	W. H. Lamm	360	1	35 00
Thompson	450	9	161	148	108	1 71	W. H. Golly	540	3	41 07
Thor	374	7	71	64	40	1 85	J. V. Starrett	290	1	35 00
Thornburg	397	9	88	94	22	2 91	H. B. McVicker	450	2	37 75
Thornton	297	9	164	148	112	1 77	F. H. Sunderlin	585	3	44 33
Thurman	409	9	169	194	160	1 88	H. C. Brown	720	5	43 00
Tingley	488	9	174	155	165	1 50	Charles Murray	720	4	35 00
Traer	1468	9	417	388	317	1 58	E. C. Meredith	1000	9	43 42
Trenton	182	9	94	93	59	1 72	W. S. Dey	480	1	40 00
Tripoli	665	9	201	160	118	2 01	R. A. French	630	4	40 00
Troy	300	9, 5	77	61	34	1 64	W. H. Russell	240	2	31 25
Truro	58	9	28	58	38	1 06	Katherine Carman ..	360	2	35 00
Udall	75	9	119	118	80	1 51	Otis Hughes	270	.....	.....
Underwood	300	9	145	118	91	1 60	Miss E. Smith	400	2	40 00
Union	539	9	206	214	172	1 75	A. S. Fulton	720	3	44 40
Unionville	211	9	130	130	100	1 40	A. Farnsworth	560	2	35 00
Urtans	338	9, 5	129	106	73	1 60	C. I. Fisher	495	2	39 00
Ute	407	9	115	168	141	1 70	H. E. Bowen	675	4	41 25
Vail	378	9	245	109	97	2 00	F. F. Gordon	800	4	39 75
Van Horn	424	9	198	180	123	1 61	E. Robinson	585	3	44 17

†\$607.00.

GRADED SCHOOLS—CONTINUED.

NAME OF TOWN.	Population, census of 1900.	Number months school.	Enumeration between 5 and 21 years in 1904.	Enrolled in school 1903-1904.	Average attendance, 1903-1904.	Average tuition per month for each scholar in average attendance.	NAME OF SUPERINTENDENT OR PRINCIPAL, 1903-1904.	Annual salary.	Number of other teachers.	Average salary per month of assistant teachers.
Van Meter.....	407	9	245	192	117	\$ 2 00	F. L. Douglas	\$ 765	7	52 00
Van Wert	808	8	146	165	128	1 87	F. P. Reed	600	3	38 00
Varina	150	8	67	48	26	2 83	Mrs O. W. Dresser ..	283	1	22 00
Victor	612	9	179	209	178	2 10	W. I. Griffith	675	5	42 30
Volga	174	9	157	148	120	1 46	W. J. Tighe	630	8	31 00
Walcott	362	10	162	129	87	2 01	B. A. Sutterman	600	2	32 50
Walker	505	9	212	180	133	1 42	A. B. Alderman	675	3	38 00
Wall Lake	659	9	234	196	167	1 84	M. R. Timmerman	720	5	40 00
Walnut	878	9	351	303	246	1 80	G. O. Van Meter	1000	7	48 00
Wapello	1398	7.7	275	238	134	2 71	John W. McCulloch ..	800	8	44 44
Washta	431	9	159	190	104	2 11	G. L. Martin	765	3	43 25
Waucoma	540	9	211	187	127	1 30	R. J. Brainall	540	4	41 25
Waukegan	292	9	138	130	101	1 68	Will Shirley	540	4	42 50
Wayland	394	8.5	187	153	111	1 80	J. W. Piercy	600	3	40 00
Webb	200	9	72	75	61	1 83	Mary Oliphant	450	1	45 00
Woodland .....	...	9	...	...	...	...	Madge Evans	650	2	40 00
Weldon	363	8	132	132	125	1 85	A. N. Smith	600	3	36 00
Wellman	654	9	175	178	146	1 75	M. E. Logan	810	4	41 75
Wesley	730	9	214	140	104	2 08	G. E. Mueller	675	4	46 00
Weston	109	8	46	60	45	1 62	Helen Allen	280	2	37 50
West Bend	538	9	226	199	110	2 50	George P. Koebel	630	5	43 00
West Branch	647	9	267	237	192	1 62	B. H. Mott	900	6	42 00
West Burlington ..	1044	9.5	553	281	253	98	Annie Hogan	540	5	41 00
West Chester	209	9	72	65	46	1 60	Rose Mintler	*	1	32 00
Westgate	260	9	82	47	39	1 93	Latta Turner	450	1	37 50
West Grove	140	7	59	52	42	1 21	{ Blanche Gibson	175	2	39 50
West Point .....	...	9	241	57	31	3 98	{ J. F. Treasure .....	...	...	...
West Side	396	9	166	148	113	2 25	Eugene Slost	450	2	36 25
Wheatland	476	9	202	184	109	1 85	E. D. Lewis	720	4	43 00
Whiting	572	9	360	196	154	1 85	E. T. Housh	675	3	39 15
Whitten	217	8	...	...	...	2 42	G. L. Weaver	720	5	41 00
Whittemore	622	9	212	91	68	...	Nelle Wall	536	1	38 00
Williams	500	9	208	185	116	2 79	A. C. Joy	675	3	41 00
Williamsburg	1100	9	349	370	295	2 22	J. T. Bradshaw	700	4	45 00
Willow Glenn .....	...	9	67	94	65	1 70	Bruce Frances	1900	8	45 75
Wilton	1233	9	361	322	262	2 02	L. E. Worley	540	2	37 50
Winchester	100	9	88	83	20	1 83	L. G. Focht	1100	6	40 00
Winfield	820	9	273	269	223	2 16	M. L. Swearingen	400	...	...
Winthrop	618	9	253	180	130	1 52	D. H. Barton	765	6	43 50
Wiot	218	9	90	90	57	1 53	J. O. Murphy .....	...	3	41 00
Woodbine	1255	10	440	372	308	2 19	S. M. Kirkland	450	2	36 50
Woodburn	497	8	140	120	80	1 60	E. M. Kirkland	450	2	36 50
Woden .....	...	8	...	...	...	1 60	Eluney and Reed	2800	9	58 00
Woolstock	274	9	77	82	51	...	Mamie Zaelke	400	3	40 00
Woodward	650	9	182	173	148	...	H. F. Freeman	288	1	34 00
Wyoming	794	9	241	223	166	2 88	W. S. Boyer	540	3	45 00
Yale	800	9	117	130	116	1 41	Anna Boden	400	5	30 75
Zearing	388	9	167	150	125	1 80	Byron J. Read	810	5	44 00
Zwingle	100	9	18	...	...	1 76	O. G. Hamilton	450	3	40 00
						1 84	George Failer	540	4	43 75
							Lottie Bronillard ..	300	...	...

SPECIAL LIBRARY REPORT.

COUNTIES.	Number of volumes in the libraries.	Amount of money expended from district funds for library books.	Amount expended raised by volun- tary efforts.	Volumes purchased during the year.	Number rural schools provided with suit- able library cases.	Number subdistricts provided with libraries.	Number independent districts provided with libraries.
Adair	4083	\$ 172 98	\$ 66 24	668	52	97	1
Adams	2204	42 68	...	78	49	55	30
Allamakee	5242	132 79	75 00	98	115	40	75
Appanoose	4045	177 23	48 45	580	36	78	14
Audubon	2985	198 04	...	857	60	106	...
Benton	10783	247 68	112 42	806	85	82	86
Black Hawk	8659	428 06	122 06	2770	76	42	12
Boone	11058	390 64	51 81	665	72	92	47
Bremser	7601	110 38	97 50	407	74	39	40
Buchanan	6498	301 57	190 86	673	55	77	55
Buena Vista	15168	138 39	50 00	1141	132	125	7
Butler	6829	234 70	45 15	744	70	96	58
Calhoun	12382	507 21	300 00	985	94	133	...
Carroll	4189	123 20	41 25	516	29	55	3
Cass	7957	319 81	110 19	643	57	120	7
Cedar	7567	282 29	41 06	564	66	92	32
Cerro Gordo	7199	236 44	...	668	77	100	20
Cherokee	17275	190 08	409 64	1977	129	128	7
Chickasaw	4978	95 60	87 50	450	40	17	49
Clarke	2205	123 25	...	97	8	78	24
Clay	7807	169 23	16 50	833	63	131	...
Clayton	8078	406 12	65 46	725	85	80	15
Clinton	6854	706 08	93 40	1284	90	130	24
Crawford	5662	251 97	93 58	854	46	111	...
Dallas	6515	704 86	...	1404	97	109	16
Davis	2296	...	...	...	50	34	58
Decatur	3159	228 15	35 75	416	21	59	86
Delaware	5939	278 95	...	699	121	111	10
Des Moines	2915	70 74	13 30	163	9	25	33
Dickinson	4338	170 88	47 80	473	19	10	1
Dubuque	7043	360 00	143 65	1850	85	67	58
Emmet	6789	79 64	...	2754	74	71	...
Fayette	12027	153 85	300 00	1000	170	108	69
Floyd	7954	247 00	126 00	634	36	98	10
Franklin	5821	262 72	44 05	496	68	102	28
Fremont	6529	249 69	182 39	770	106	94	11
Greene	4291	151 48	5 80	255	76	81	3
Grundy	4116	58 58	...	172	78	75	29
Guthrie	4646	221 94	...	463	55	110	4
Hamilton	4442	...	...	...	130	107	25
Hancock	5453	241 49	205 91	990	79	134	...
Hardin	6626	614 09	34 00	1186	45	76	55
Harrison	4172	187 75	199 81	718	15	17	5
Henry	5729	172 22	304 26	796	60	32	64
Howard	4021	180 28	74 60	482	82	92	7
Humboldt	7533	163 50	253 26	890	59	79	16
Ida	7381	...	...	...	86	86	...
Iowa	9830	445 18	341 27	1006	65	75	56

SPECIAL LIBRARY REPORT—CONTINUED.

COUNTIES	Number of volumes in the library.	Amount of money expended from district funds for library books.	Amount expended raised by voluntary efforts.	Volumes purchased during the year.	Number rural schools provided with suitable library cases.	Number subdistricts provided with libraries.	Number independent districts provided with libraries.
Jackson	8910	28 41	8 80	88	54	86	18
Jasper	5271	273 56	21 50	525	114	125	16
Jefferson	3295	159 99	51 00	333	45	70	21
Johnson	10322	814 07	75 00	815	58	79	41
Jones	9886	296 88	45 95	858	100	70	47
Keokuk	7691	520 91	118 25	811	41	24	100
Kossuth	6067	850 00	144 50	690	52	141	.....
Lee	6258	246 83	10 17	418	30	47	25
Linn	14678	748 00	96 40	656	104	106	28
Louisa	5463	297 10	113 75	543	50	62	17
Lucas	3402	269 95	38 11	711	45	33	55
Lyon	6008	123 08	68 00	401	41	74	19
Madison	8455	117 88	24 42	439	75	117	15
Mahaska	6130	854 55	89 10	778	90	60	59
Marion	5739	230 80	175 90	459	16	18	91
Marshall	7789	1309 85	.....	1570	55	69	60
Mills	10292	267 18	9 93	478	70	19	57
Mitchell	10938	.....	.....	988	84	47	37
Monona	3898	223 02	55 00	508	48	34	20
Monroe	2721	251 33	55 00	100	20	42	25
Montgomery	4861	193 40	27 00	383	.....	.....	.....
Muscatine	4324	95 79	.....	206	.....	.....	.....
O'Brien	17318	127 88	481 00	1098	126	131	.....
Osceola	9985	85 00	275 00	680	88	88	.....
Page	5340	276 37	80 00	775	76	83	28
Palo Alto	18191	244 70	200 00	709	124	124	.....
Plymouth	9163	370 94	64 57	757	78	147	1
Pocahontas	11665	85 92	430 74	715	83	116	6
Polk	13900	484 23	57 60	959	65	79	35
Pottawattamie	9639	586 08	50 00	.....	235	226	15
Poweshiek	10390	388 85	234 06	1028	46	90	5
Ringgold	3982	228 08	101 06	430	61	78	29
See	9179	102 84	510 30	2060	90	125	.....
Scott	11937	617 90	.....	981	64	78	23
Shelby	10978	297 19	500 00	1409	135	135	.....
Sioux	9422	477 30	89 35	1127	85	163	1
Story	7118	300 00	75 00	.....	.....	114	65
Tama	7321	450 69	24 00	825	75	95	70
Taylor	3320	.....	.....	.....	45	.....	.....
Union	5082	259 64	.....	566	29	108	13
Van Buren	3204	103 66	.....	236	26	62	54
Wapello	8252	348 45	55 44	1043	50	54	29
Warren	6069	.....	.....	.....	62	50	45
Washington	11778	246 90	575 00	4161	78	50	54
Wayne	4320	210 69	60 00	456	25	34	22
Webster	15785	293 71	239 94	965	136	184	34
Winnebago	4318	224 88	.....	398	43	78	5
Winnechick	7172	391 82	94 06	1209	88	98	28
Woodbury	8946	159 06	72 00	450	55	78	15
Worth	3548	163 15	17 00	263	48	87	.....
Wright	11153	267 44	147 00	1062	122	120	2
Total	714492	26548 31	10489 26	75476	5321	8119	2680

HIGH SCHOOL STATISTICS.

CITIES AND TOWNS OF OVER 1,000 IN POPULATION BY CENSUS OF 1900.

NAME OF SCHOOL.	1903-1904.						NAME OF SCHOOL.	1903-1904.								
	Years in course.	Years in Latin.	Enrollment entire year.			Grad- uates.		Years in course.	Years in Latin.	Enrollment entire year.			Grad- uates.			
			Boys.	Girls.	Total.	Boys.				Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Ackley	4 1/2		36	35	62	3	4	7	Fairfield	4 1/2	82	106	168	9	9	17
Adel	4 1/2		36	52	88	2	6	7	Farmington ...	4 1/2	38	85	71	7	7	14
Afton	4 1/2		18	39	57				Fayette	4 1/2	24	22	54	3	4	6
Akron	4 1/2		30	26	46	7	3	6	Fonda	4 1/2	5	16	16	4	10	14
Albia	4 1/2		61	93	154	6	14	20	Forest City	4 1/2	39	37	81	3	7	12
Algona	4 1/2		55	82	137	6	7	12	Fort Dodge ..	4 1/2	66	152	354	9	24	33
Alson	4 1/2		6	11	17	2	2	2	Fort Madison ..	4 1/2	60	98	152	4	16	20
Ames	4 1/2		79	75	144	2	3	14	Fraser	4 1/2	18	31	49			
Anamosa	4 1/2				142	8	15	15	Garner	4 1/2	36	44	82	3	10	13
Atlantic	4 1/2		74	102	176	5	13	21	Glennwood	4 1/2	37	60	103	1	9	10
Auburn	4 1/2		30	49	79	4	4	8	Grand Junction	4 1/2	19	26	45	1	4	5
Avoca	4 1/2		30	40	70	2	5	7	Greene	4 1/2	20	25	45	1	1	2
Bedford	4 1/2		49	67	106	4	7	11	Greenfield	4 1/2	31	40	71	2	5	7
Belle Plaine ..	4 1/2		60	73	123	4	7	11	Grinnell	4 1/2	106	155	262	14	22	33
Bellevue	4 1/2			24	32	3	6	13	Grundy Center	4 1/2	50	61	120	4	7	11
Belmond	4 1/2					3	4	7	Guthrie Center.	4 1/2	23	37	60	4	8	10
Bloomfield ..	4 1/2		34	55	72	3	5	8	Juttenburg ..	4 1/2	14	20	34	3	4	7
Boone	4 1/2		111	178	284	10	19	29	Hamburg	4 1/2	29	44	73		5	5
Britt	4 1/2		21	31	52	4	8	8	Hampton	4 1/2	62	69	111	7	6	13
Brooklyn	4 1/2		35	47	83	6	14	14	Harlan	4 1/2	8	36	167	11	17	28
Burlington ..	4 1/2		134	184	418	12	28	41	Hartley	4 1/2	25	42	70	1	3	3
Calmar	4 1/2		18	26	41	2	7	9	Hawarden	4 1/2	55	41	96			
Carroll	4 1/2		59	68	127	6	7	12	Hedrick	4 1/2	16	35	51	3	6	9
Cedar Falls ..	4 1/2		59	94	153	12	25	37	Hiteman	4 1/2	25	40	65			
Cedar Rapids ..	4 1/2		370	406	676	14	36	50	Humboldt	4 1/2	33	64	97	3	15	14
Centerville ..	4 1/2		61	14	239	9	27	36	Ia Grove	4 1/2	34	73	157	10	14	24
Chariton	4 1/2		56	95	149	5	16	21	Independence ..	4 1/2	59	109	168	11	17	28
Charles City ..	4 1/2		73	141	214	5	21	26	Indianola	4 1/2	6	112	194	13	11	24
Cherokes	4 1/2		71	98	169	11	9	20	Iowa City	4 1/2	140	206	344	23	34	59
Cincinnati ..	4 1/2		40	37	76	1	4	5	Iowa Falls	4 1/2	60	69	129	7	14	21
Clarinda	4 1/2				98			17	Jefferson	4 1/2	61	94	162	7	6	13
Clarion	4 1/2		41	57	101	21	7	9	Keokuk	4 1/2	129	180	319	16	28	44
Clear Lake	4 1/2		22	34	56	6	6	12	Keosauqua	4 1/2	38	33	69	4	6	10
Clinton	4 1/2		96	176	274	14	25	39	Knoxville	4 1/2	45	75	120	9	10	19
Colfax	4 1/2		34	61	91	3	9	12	Lake City	4 1/2				2	7	9
Columbus Jet ..	4 1/2		38	41	81	2	3	5	Lake Mills	4 1/2	19	31	50	3	1	4
Coon Rapids ..	4 1/2		27	35	63	3	3	6	Leon	4 1/2	48	20	66	1	3	4
Corning	4 1/2		49	41	120	5	14	19	Lansing	4 1/2	26	35	61	2	3	15
Corydon	4 1/2		39	72	111	5	4	9	La Porte City ..	4 1/2	25	33	58	5	5	16
Council Bluffs	4 1/2		219	361	580	23	39	62	Le Mars	4 1/2	57	74	131	3	5	10
Cresco	4 1/2		39	45	76	7	8	15	Lenox	4 1/2	21	40	70		6	6
Creston	4 1/2		115	147	260	7	27	34	Leon	4 1/2	6	14	20	6	12	18
Davenport	4 1/2		218	326	549	21	54	75	Logan	4 1/2	36	44	84	3	7	10
Decorah	4 1/2		80	61	141			27	Lucas	4 1/2	9	35	56	3	3	11
Denison	4 1/2		41	85	125	2	13	15	Malvern	4 1/2	19	37	51	3	3	6
Des Moines, E.	4 1/2		240	338	574	12	31	43	Manchester	4 1/2	69	71	140	5	3	14
Des Moines, W.	4 1/2		333	496	769	23	37	59	Manning	4 1/2	219	240	459	4	5	9
De Witt	4 1/2		17	22	40	2	6	6	Manson	4 1/2	24	36	50	4	16	21
Dubuque	4 1/2		201	276	477	10	23	33	Mapleton	4 1/2	13	29	42	1	6	7
Dunlap	4 1/2		23	37	62	2	1	3	Maquoketa	4 1/2	47	81	128	11	17	28
Dyersville	4 1/2		12	11	23			1	Marengo	4 1/2	43	65	108	6	12	18
Eagle Grove ..	4 1/2		60	75	135	11	11	22	Marion	4 1/2	36	116	202	16	28	44
Eddyville	4 1/2		25	40	65	2	4	6	Mar-halltown ..	4 1/2			328			39
Edon	4 1/2		25	36	65	4	3	7	Mason City	4 1/2	34	128	212	11	33	44
Eldora	4 1/2		41	64	105	5	7	12	Missouri Valley	4 1/2	67	98	165	5	9	14
Emmettsburg ..	4 1/2		22	54	80	4	8	12	Montezuma	4 1/2	41	49	90	5	4	9
Estherville ..	4 1/2		48	62	111	1	3	8	Monticello	4 1/2	50	73	123	9	19	28

NAME OF SCHOOL.	1903-1904.						NAME OF SCHOOL.	1903-1904.									
	Years in course.	Years in Latin.	Enrollment entire year.			Grad- uates.		Years in course.	Years in Latin.	Enrollment entire year.			Grad- uates.				
			Boys.	Girls.	Total.					Boys.	Girls.	Total.					
Mt. Ayr.....	4	4	37	49	86	8	7	15	Sibley.....	4	4	38	53	91	5	7	12
Mt. Pleasant.	4	4	45	64	110	5	6	11	Sidney.....	4	4	29	46	75	2	7	9
Mt. Vernon	4	4	29	22	51				Sigourney...	4	4				2	14	16
Moulton.....	4	4	25	47	72	1	6	7	Sioux City....	4	4	255	373	628	10	38	48
Muscatine.....	4	4	97	136	233	19	23	37	Sioux Rapids..	4	4	24	24	48		6	6
Myrtle.....	4	1 1/2	6	10	16				Spencer.....	4	4	39	77	116	3	15	18
Nashua.....	4	4	30	48	78	7	11	18	Spirit Lake....	4	4	26	40	66	1	6	7
Nevada.....	4	4	44	77	121	6	13	19	State Center...	4	4	12	27	39	1	8	9
New Hampton.	4	4	33	59	91	5	9	11	Storm Lake....	4	4	49	54	103	13	6	19
New London..	4	4	9	11	20	4	8	9	Story City....	4	4	13	22	35	2		2
New Sharon...	4		18	48	66	4	5	6	Stuart.....	4	4	54	54	108	1	4	5
Newton.....	4	1	62	94	156	12	13	26	Sumner.....	4	4	36	31	70	5	1	12
Nora Springs.	4	1	90	94	184	4		2	Tama.....	4	4	29	41	70		5	5
Northwood....	4	4	26	41	70	4	5	9	Tipton.....	4	4	44	54	98	5	6	11
Odebolt.....	4	3 1/2	51	44	75	3	6	12	Toledo.....	4	4	44	66	110	6	14	20
Oelwein.....	4	4	55	74	129	6	9	15	Tracy.....	4	4	24	43	67	8	6	14
Onawa.....	4	4	48	54	103	8	7	16	Valley Junction	4	4	33	53	86	1	6	7
Orange City...	4	4	19	29	48	1	3	4	Villisca.....	4	4	31	63	149		10	14
Osage.....	4	4	47	86	133		17	17	Vinton.....	4	4						
Osceola.....	4	4	47	67	114	3	11	14	Wapello.....	4	4	27	55	82	5	11	16
Oskaloosa....	4	3 1/2	146	70	216	17	31	44	Washington...	4	4	31	117	196	14	14	28
Ottumwa.....	4	4	136	177	313	14	32	40	Waterloo, E....	4	4	94	149	242	14	2	36
Parkersburg..	4	4	26	243	269	3	7	10	Waterloo, W....	4	4	78	124	202	6	1	17
Pella.....	4	3	37	35	72	6	9	15	Waukon.....	4	4	53	45	77	4	9	17
Perry.....	4	4	31	39	70	8	11	19	Waverly.....	4	4	26	49	75	1	10	11
Red Oak.....	4	4	107	151	258	14	18	32	Webster City...	4	4	64	101	165	4	3	11
Reinbeck.....	4	4	24	43	67	2	12	14	West Branch...	4	4	35	43	82	3	6	11
Rockford.....	4	4							West Liberty...	4	4	44	54	98	2	1	19
Rock Rapids..	4	4	34	32	66	2		2	West Union....	4	4	47	55	105	4	1	11
Rock Valley...	4	4	16	37	53		2	2	What Cheer...	4	4	24	30	60	4	14	18
Rockwell City.	4	4	27	41	68	1	8	9	Williamsburg..	4	4	38	65	87	5	1	13
Sabula.....	3	3	25	36	61	2	14	18	Wilton.....	4	4			67	8	3	6
Sac City.....	4	4	34	52	86	3	7	8	Winterset.....	4	4	36	66	102	2	17	19
Sauborn ..	4	4	31	40	71	5	6	11	Woodbine ..	4	4	132	135	267	7	6	12
Seymour ..	4	4	16	41	57		1	2	Total... ..			1854	2808	4547	202	401	606
Sheldon.....	4	4	54	48	142	6	10	30									
Shenandoah	4	4	37	95	133		10	12									

ABSTRACT [A]—REPORT OF COUNTY SUPERINTENDENT, 1905.

SCHOOL STATISTICS.

Counties.	Districts.		Schools.			Teachers.				Pupils.					
	School townships.	Independent districts.	No. sub-districts.	No. of rooms in rural schools.	No. of school rooms in cities and towns.	Average duration in months.	Number employed.		Average monthly compensation.		Between the ages of 5 and 11 years.		Ages of 7 to 14 years inclusive.		Persons 7 to 14 years not attending school.
							Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Adair.....	15	15	127	133	29	8.8	41	283	40.72	51.43	2,643	2,478	1,887	1,333	24
Adams.....	9	33	77	104	35	8.3	32	301	47.57	33.83	2,003	1,491	1,041	1,090	8
Atlamakee.....	9	71	24	120	20	7.2	64	309	49.19	26.74	2,167	2,06	1,889	1,512	7
Appanoose.....	12	35	94	122	81	7.1	46	225	43.24	33.53	4,002	4,535	2,503	2,40	123
Audubon.....	13	5	106	104	25	8.2	27	201	43.99	35.03	2,319	2,846	1,370	1,803	9
Benton.....	10	90	82	167	60	8.3	45	227	49.64	34.57	8,338	3,705	1,908	1,938	23
Black Hawk.....	10	65	76	126	118	8.0	64	350	50.43	36.55	5,503	5,842	2,720	2,608	7
Boone.....	1	53	21	140	81	7.9	51	313	43.54	25.30	4,374	4,274	2,334	2,253	30
Bremer.....	6	60	43	100	43	7.0	19	218	43.08	20.76	2,564	2,532	1,432	1,399	11
Buchanan.....	9	64	77	133	61	8.3	26	310	44.88	34.00	3,035	2,935	1,610	1,533	14
Buena Vista.....	15	14	117	133	45	8.2	33	255	41.15	23.91	2,770	2,301	1,432	1,371	37
Butler.....	11	43	91	137	44	8.2	27	263	45.59	36.43	2,949	2,327	1,612	1,573	20
Calhoun.....	16	9	123	135	55	8.8	37	297	52.31	34.14	2,978	2,754	1,535	1,330	17
Carroll.....	13	20	115	129	53	8.5	41	243	45.30	34.37	2,813	2,621	2,103	2,114	37
Cass.....	15	17	120	140	53	8.5	53	313	49.41	26.64	3,332	2,333	1,731	1,705	13
Cedar.....	12	41	100	133	41	8.3	40	233	50.07	35.03	3,007	2,335	1,633	1,601	3
Cerro Gordo.....	12	30	102	137	74	8.1	53	249	41.12	25.02	2,323	2,333	1,393	1,731	17
Cherokee.....	15	15	130	13	43	8.2	30	272	43.11	26.17	2,634	2,315	1,433	1,374	14
Clacksonaw.....	5	62	53	67	34	8.1	17	237	53.07	29.71	2,703	2,716	1,430	1,439	43
Clarke.....	9	23	73	103	23	7.4	43	133	38.41	31.38	1,934	1,907	1,000	1,061	23
Clay.....	16	5	127	130	35	8.3	23	237	45.53	26.31	2,163	2,056	1,363	1,315	5
Clayton.....	13	33	143	136	63	8.3	53	265	55.00	33.00	4,433	4,416	2,363	2,403	34
Clinton.....	17	37	134	137	140	8.3	33	233	71.38	40.03	7,335	9,355	2,433	2,333	23
Crawford.....	20	8	107	170	51	8.7	29	239	51.73	34.33	2,300	2,746	2,176	2,103	61

REPORT OF COUNTY SUPERINTENDENTS.

ABSTRACT (A)—REPORT OF COUNTY SUPERINTENDENT FOR 1906—CONTINUED.

SCHOOL STATISTICS.

Counties	District.		Schools.		Teachers		Pupils.						
	School townships.	Independent districts.	No sub-districts.	Rooms in rural schools.	No. of school rooms in cities and towns	Average duration in mo. this year	Number employed.		Between the ages of 6 and 14 years.		Area of 7 to 14 years inclusive.	Persons 7 to 14 not attending school.	
							Males	Females	Males	Females		Males	Females
Dallas	18	34	114	140	82	8.4	42	924	3,649	2,615	2,099	41	25
Davis	6	69	86	95	25	6.4	49	181	2,391	2,848	1,247	24	15
Decatur	6	84	96	110	48	7.4	40	205	2,895	2,510	1,053	12	27
Delaware	14	28	114	129	43	8.4	14	242	3,256	2,985	1,628	71	57
Des Moines	15	01	25	83	188	8.0	22	222	5,598	5,707	2,822	24	17
Dickinson	11	8	64	76	28	8.1	16	144	1,438	1,395	800	25	18
Dubuque	16	63	69	127	182	8.7	53	273	10,129	10,449	4,484	22	12
Emmet	10	2	71	78	55	8.1	13	181	1,578	1,561	965	27	21
Fayette	13	84	104	174	76	7.9	50	863	4,771	4,809	2,405	113	90
Floyd	11	10	109	118	58	8.1	23	241	2,559	2,619	1,217	14	16
Franklin	12	37	101	126	26	7.9	42	235	2,481	2,310	1,253	40	40
Fremont	11	19	104	116	53	8.8	43	269	2,513	2,726	1,582	15	8
Greene	14	18	129	137	39	8.0	44	368	2,704	2,634	1,491	9	5
Grundy	9	61	75	119	52	8.1	38	130	2,335	2,228	1,231	28	18
Guthrie	15	13	134	140	54	8.3	48	292	3,012	2,929	1,684	34	19
Hamilton	14	53	107	131	51	8.2	65	394	3,326	3,573	1,917	13	18
Marion	16	8	114	136	50	8.0	43	210	2,452	2,231	1,273	19	19
Hardin	6	65	76	139	79	8.0	41	292	2,748	2,608	1,013	45	27
Harrison	16	34	117	148	70	8.6	47	321	3,977	3,996	2,287	114	118
Henry	4	73	33	57	44	7.8	30	227	2,757	2,451	1,434	47	32
Howard	11	11	91	96	59	8.2	13	212	2,375	2,244	1,264	13	10
Humboldt	10	0	65	100	42	8.3	19	163	2,134	2,061	1,196	23	2

Ide	11	66	99	99	8	8.0	28	185	59.65	87.41	2,078	1,879	1,020	1,021	6	4
Iowa	10	65	75	137	42	8.0	40	259	44.66	83.58	8,054	2,950	1,668	1,681	17	14
Jackson	14	45	106	189	65	8.8	26	249	57.07	81.84	3,769	8,573	2,097	2,173	40	34
Jasper	17	30	157	175	75	7.9	44	394	42.11	86.84	4,263	4,042	2,254	2,236	29	14
Jefferson	4	25	64	93	35	7.7	27	207	48.64	32.41	2,535	2,457	1,332	1,399	15	11
Johnson	6	46	114	156	76	8.1	36	328	53.17	85.51	3,804	3,643	1,945	1,974	17	16
Jones	9	68	70	126	51	7.9	19	261	55.65	86.06	3,539	3,119	1,744	1,626	11	13
Keokuk	2	116	24	124	80	7.6	54	244	43.48	84.14	2,578	3,431	1,891	1,831	23	32
Kossuth	28	10	212	218	59	7.7	55	399	42.30	36.60	4,012	3,782	2,315	2,229	75	34
Lee	7	65	46	101	104	7.0	27	287	53.02	39.54	5,623	5,677	2,381	2,917	41	54
Linn	11	74	105	167	235	8.0	55	501	50.70	40.34	9,370	8,447	4,484	4,477	62	56
Louisa	9	25	59	78	31	8.3	29	166	47.21	35.04	2,135	1,985	1,177	1,030	28	25
Lucas	4	60	82	90	33	7.7	26	170	41.36	35.5	2,683	2,559	1,344	1,849	4	2
Lyons	12	18	84	137	41	8.5	35	203	46.02	37.31	2,531	2,485	1,562	1,536	35	32
Madison	13	26	114	134	41	7.8	36	301	41.13	32.94	2,720	2,627	1,515	1,511	.....	1
Mahaska	9	74	67	154	73	7.9	60	395	46.54	37.32	5,063	4,867	2,687	2,633	27	33
Marion	4	113	22	112	68	7.6	45	225	42.84	33.76	4,053	3,893	2,147	2,115	91	73
Marshall	12	58	86	125	113	8.3	41	310	51.04	43.07	4,246	4,065	2,150	2,096	19	23
Mills	4	68	19	81	51	8.7	26	155	54.37	39.94	2,509	2,379	1,348	1,334	18	16
Mitchell	8	47	51	89	53	8.1	17	173	64.34	33.54	2,346	2,337	1,244	1,224	6	15
Monona	16	19	119	140	52	8.4	26	289	50.15	33.94	3,374	3,173	1,805	1,812	55	38
Monroe	7	40	60	95	55	7.8	25	191	48.88	34.41	4,023	3,712	1,419	1,374	44	23
Montgomery	10	23	85	103	55	7.7	32	233	50.31	36.21	2,681	2,540	1,417	1,356	24	17
Muscatine	11	27	63	87	99	8.5	20	248	67.24	42.43	4,520	4,346	2,375	2,350	5	5
O'Brien	16	6	123	133	55	8.5	39	250	50.21	37.55	3,090	2,982	1,692	1,738	14	7
Osceola	11	8	92	90	25	8.	30	152	46.23	34.27	1,747	1,546	1,051	924	35	25
Page	11	47	83	119	79	8.2	23	268	51.96	38.23	3,642	3,495	2,044	2,065	12	18
Palo Alto	16	7	124	112	40	8.2	25	25	44.81	34.81	2,412	2,347	1,393	1,377	16	9
Plymouth	23	11	159	171	54	8.5	25	304	46.3	34.34	4,073	3,939	2,310	2,312	40	30
Pocahontas	15	15	125	132	46	7.9	34	231	44.25	36.40	2,658	2,523	1,507	1,504	5	6
Polk	13	57	83	132	370	8.0	60	655	70.35	54.67	15,077	15,554	6,596	6,842	222	145
Pottawattamie	25	27	214	232	193	8.7	46	550	61.10	42.09	3,316	3,499	4,445	4,503	87	75
Poweshiek	14	24	115	130	60	8.0	39	274	52.36	35.51	3,071	3,116	1,658	1,693	12	7
Ringgold	13	40	96	123	40	7.7	36	237	41.32	31.81	2,457	2,335	1,396	1,289	56	36
Sac	16	9	132	130	51	8.5	28	251	51.38	35.04	2,889	2,900	1,557	1,594	14	14
Scott	13	28	78	108	194	9.1	55	320	30.87	49.53	3,902	3,618	4,405	4,082	23	26
Shelby	16	10	123	135	42	8.7	45	264	42.93	36.73	2,962	2,882	1,646	1,581	16	13
Sioux	21	13	161	170	66	8.8	44	379	47.37	37.25	4,601	4,411	2,592	2,524	55	23
Story	14	31	113	131	87	7.8	53	272	50.16	33.71	3,865	3,880	2,167	2,157	11	10

ABSTRACT [A] REPORT OF COUNTY SUPERINTENDENTS, 1905—CONTINUED.

SCHOOL STATISTICS.

Counties.	Districts.		Schools.		Teachers.			Pupils.							
	School townships.	Independent districts.	No. sub-districts.	No. of school rooms in cities and towns.	Average duration in months.	Number employed.		Average monthly compensation.		Between the ages of 5 and 14 years.		Ages of 7 to 14 years inclusive.		Persons 7 to 14 years not attending school.	
						Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Tama.....	12	82	16	75	65	322	45.19	36.09	2,766	2,594	1,973	1,970	24	16	
Taylor.....	12	87	29	119	68	255	44.02	35.66	2,723	2,606	1,433	1,419	6	27	
Union.....	10	24	20	107	61	235	49.65	83.66	2,132	2,226	1,400	1,472	25	18	
Van Buren.....	8	50	55	109	41	189	43.03	22.01	2,593	2,820	1,271	1,163	19	19	
Wapello.....	8	51	66	96	116	301	61.91	39.07	5,258	5,374	2,848	2,915	110	24	
Warren.....	8	88	53	139	55	274	42.36	32.08	2,241	2,193	1,779	1,809	6	13	
Washington.....	7	85	50	123	56	245	50.53	34.90	2,905	2,108	1,743	1,697	10	11	
Wayne.....	16	84	91	116	62	202	38.22	30.29	2,895	2,817	1,519	1,503	11	21	
Webster.....	13	42	136	172	59	274	47.26	37.89	4,829	4,835	2,473	2,535	20	25	
Winnebago.....	10	13	76	82	36	146	41.80	31.72	2,525	2,030	1,101	1,134	29	21	
Winnebeshk.....	14	45	96	141	40	253	42.69	32.33	2,754	2,781	1,903	1,921	69	63	
Woodbury.....	17	43	106	91	239	494	64.72	44.14	11,216	10,726	7,609	7,272	27	29	
Worth.....	12	6	37	83	24	124	40.20	35.17	1,461	1,238	1,037	1,064	5	2	
Wright.....	15	16	116	131	51	274	49.59	34.67	2,134	2,904	1,702	1,703	12	6	
Totals.....	112	2,755	2,402	12,751	6,907	91,013	48.48	36.06	923,152	855,690	108,507	101,949	2,404	2,783	

ABSTRACT(A)—REPORT OF COUNTY SUPERINTENDENTS, 1905.
SCHOOL STATISTICS.

Counties.	Pupils.					School Houses.			General.			
	Enrolled in public schools.	Previously enrolled in other districts.	Total average attendance.	Average tuition per month per pupil.	Tuition received.		Number of schoolhouses.	Value of schoolhouses.	Value of apparatus.	Number of volumes in the libraries.	Number of trees in a thirty foot circle on the schoolhouse sites.	Houses in which the effects of whippoorwill and hawks are taught.
					Below 5th grade.	Above 5th grade.						
Adair.....	4,221	102	2,477	2.15	8	511.82	130	717,022	4,187	4,782	2,718	129
Adams.....	8,518	75	2,271	2.20	60	491.42	112	99,480	2,744	2,406	2,204	128
Allamakee.....	4,248	51	2,912	1.92	20	215.76	134	132,198	7,706	2,154	1,845	107
Appanoose.....	7,802	75	5,144	1.03	124	424.84	125	201,875	5,834	4,155	1,833	200
Audubon.....	2,819	25	2,455	2.10	38	317.75	111	112,945	7,924	2,405	1,992	152
Benton.....	5,813	281	4,184	2.12	92	575.75	157	202,879	10,055	12,542	8,910	225
Black Hawk.....	2,170	93	5,504	2.41	55	509.65	154	455,202	11,057	11,154	2,651	249
Boone.....	6,21	132	4,055	2.17	54	319.95	127	912,430	9,726	12,077	2,420	212
Bremer.....	2,39	117	2,355	2.17	65	455.01	113	124,200	7,444	8,402	2,105	125
Buchanan.....	4,103	40	2,376	2.35	43	379.09	150	182,949	10,044	6,114	1,902	194
Buena Vista.....	4,309	115	2,042	2.25	81	339.60	140	170,100	8,987	15,059	2,491	174
Butler.....	4,884	108	5,305	2.39	115	713.07	147	166,525	9,763	7,893	2,637	151
Calhoun.....	5,254	45	2,359	2.34	72	753.01	148	165,179	9,505	12,343	2,111	177
Carroll.....	4,784	71	2,187	2.31	92	567.37	146	184,415	11,225	5,074	2,483	143
Cass.....	5,514	75	2,571	2.19	64	655.24	159	177,908	9,011	5,251	2,502	174
Cedar.....	4,304	74	5,219	2.43	94	629.48	143	201,339	9,482	7,094	2,627	177
Cerro Gordo.....	5,091	85	2,312	2.02	64	240.25	145	81,879	12,015	7,974	2,515	208
Cherokee.....	4,935	180	2,935	2.53	55	595.31	144	189,213	7,149	10,450	2,283	143
Chickasaw.....	2,930	123	2,470	2.13	47	734.53	121	110,340	5,400	5,057	2,244	129
Clarke.....	2,802	9	2,31	2.23	22	75.80	103	90,595	2,563	2,725	2,725	180
Clay.....	3,636	35	2,447	2.50	34	207.87	127	122,975	9,094	2,925	1,206	155
Clayton.....	6,233	71	4,182	2.05	75	445.51	139	202,535	9,450	9,165	2,563	218
Clinch.....	2,171	62	6,095	2.19	54	271.98	135	432,430	15,051	2,337	2,593	274
Crawford.....	5,616	75	2,656	2.22	69	421.65	150	220,425	14,572	7,561	2,537	213

REPORT OF COUNTY SUPERINTENDENTS.

ABSTRACT [A]—REPORT OF COUNTY SUPERINTENDENTS FOR 1905—CONTINUED.

SCHOOL STATISTICS.

Counties	Pupils.					School Houses.			General.				
	Enrolled in public schools.	Previously enrolled in other districts	Total average attendance.	Average tuition per month per pupil.	Non-regular attendance	Tuition Received		Number of school houses	Value of school houses.	Value of apparatus	Number of volumes in the libraries.	Number of trees in thirty condition on the schoolhouse after	Rooms in which the effects of storm-lights and parrots are kept
						Below grade	Above grade						
Dallas	6,317	106	4,587	2.08	116	907.85	2,279.16	146	214,498	8,047	8,153	3,758	223
Davis	3,867	71	2,501	1.72	61	51.60	90.34	104	97,050	3,639	3,457	1,980	183
Decatur	5,151	161	5,289	1.84	42	224.11	1,189.89	123	186,830	8,785	3,607	2,524	182
Delaware	4,444	69	2,917	2.17	156	394.99	724.47	145	140,546	6,969	5,644	2,221	171
Des Moines	7,886	248	5,893	2.26	84	332.06	1,868.04	99	219,603	12,188	2,872	1,797	105
Dickinson	2,495	78	1,509	2.71	20	214.71	8-5.85	79	32,015	2,359	4,518	1,271	101
Dubuque	7,950	130	3,893	2.81	18	79.84	161.63	153	524,441	12,374	6,877	2,189	949
Emmet	2,877	60	1,733	2.61	32	329.26	160.80	85	95,810	2,404	9,297	1,761	108
Fayette	7,135	104	4,739	1.98	29	78.25	684.84	121	211,615	8,425	11,897	2,291	250
Floyd	4,198	59	2,706	2.69	56	443.80	2,061.74	124	321,950	10,008	6,554	1,659	189
Franklin	3,749	87	2,504	2.66	44	883.81	591.34	144	124,985	6,309	5,843	2,224	161
Fremont	4,583	88	2,277	2.47	116	1,873.27	1,222.8	129	164,356	7,883	7,938	2,636	170
Greene	4,766	102	3,096	2.42	46	245.62	1,899.74	146	194,685	8,553	8,056	2,226	173
Grundy	3,607	76	2,480	2.40	65	867.16	672.73	128	118,637	8,308	4,642	2,311	140
Harbrie	5,190	118	3,550	2.14	43	192.60	763.90	154	178,575	6,495	5,132	1,994	198
Hamilton	5,054	65	3,517	2.16	50	304.87	480.41	149	182,450	9,391	5,026	1,737	196
Hancock	4,064	62	2,532	2.67	91	265.68	829.34	136	141,168	4,832	4,489	2,480	153
Hardin	5,701	72	3,804	2.41	176	1,072.80	1,187.84	148	191,600	9,472	7,701	2,200	190
Harrison	6,817	98	4,431	2.10	72	449.42	3,045.26	167	222,645	8,453	6,565	2,098	217
Henry	4,586	122	3,057	1.98	58	233.78	492.3	109	144,240	6,547	6,567	2,079	147
Howard	3,600	24	2,218	2.83	49	397.81	424.47	148	118,930	4,829	4,379	1,918	139
Humboldt	2,513	97	2,342	2.23	67	392.16	978.24	121	116,275	5,160	8,780	2,233	138

SCHOOL FINANCES.

REPORT OF COUNTY SUPERINTENDENTS.

57

COUNTIES.	TEACHERS' FUND.						CREDIT.			
	On hand at last report.	Received from district tax.	Received from semi-annual apportionment.	Received from tuition.	Received from other sources.	Total debit or credit.	Paid teachers' port.	Paid for library books.	Paid for other purposes.	On hand.
Adair.....	\$ 19,597.73	\$ 48,988.74	\$ 8,864.75	\$ 1,888.71	\$ 105.47	\$ 70,742.43	\$ 50,317.41	\$ 77.08	\$ 275.81	\$ 30,178.64
Adams.....	30,109.30	40,843.23	5,804.74	678.03	371.78	67,817.97	44,077.48	88.00	277.83	24,988.90
Allamakee.....	11,994.08	81,419.81	6,801.35	1,088.03	165.88	89,908.71	40,283.68	186.48	317.84	19,141.18
Appanoose.....	32,001.93	51,634.89	9,814.08	1,518.63	890.48	69,849.89	69,878.19	143.83	8.62	56,790.78
Audubon.....	16,494.29	87,480.00	5,548.78	181.83	30.78	61,386.13	49,868.80	178.37	40.80	19,088.80
Benton.....	54,538.70	64,402.81	18,836.63	1,388.41	244.87	184,443.67	76,882.03	218.80	1,840.88	56,197.70
Black Hawk.....	37,231.58	19,338.87	14,738.99	323.45	96.80	161,873.15	167,244.18	96.80	171.29	54,881.08
Boone.....	36,083.49	68,628.71	9,757.53	333.30	839.97	177,643.93	74,637.81	69.60	0.69	42,989.80
Bremer.....	31,404.95	30,967.81	5,483.36	945.45	347.33	88,397.92	88,761.93	16.01	519.60	19,107.88
Buchanan.....	34,946.23	55,497.37	8,081.79	1,028.97	440.87	100,082.08	62,638.38	207.11	261.29	36,995.80
Buena Vista.....	30,844.61	49,471.09	6,652.92	1,822.34	9,837.00	90,574.71	66,692.80	231.89	1,618.88	21,934.05
Butler.....	59,078.16	68,469.09	8,378.16	1,716.06	1,355.51	108,841.93	60,172.71	314.88	1,522.82	40,888.80
Calhoun.....	19,870.07	51,219.83	7,919.88	1,645.95	1,196.90	88,783.62	55,826.64	175.18	631.86	17,258.46
Carroll.....	37,983.61	57,239.00	6,900.00	1,476.47	328.78	96,838.78	62,883.70	184.61	1,799.10	30,367.18
Cass.....	33,481.68	84,771.07	9,144.80	1,697.85	407.84	108,676.88	74,161.17	65.13	98.68	36,388.48
Cedar.....	40,731.94	51,935.07	11,927.70	1,946.81	166.87	108,797.69	63,799.78	143.86	821.02	48,468.28
Cerro Gordo.....	42,780.88	54,869.42	10,277.45	1,160.84	1,534.09	116,013.86	60,988.88	197.80	767.19	48,084.01
Cherokee.....	40,838.77	64,171.04	6,843.50	1,031.08	180.84	106,199.21	61,744.44	269.80	620.16	42,589.97
Chickasaw.....	27,628.90	60,980.94	6,818.00	964.81	134.86	86,790.70	48,717.12	23.06	349.48	38,601.12
Clarke.....	16,978.12	20,841.98	4,118.11	437.11	18.90	52,984.22	36,548.76	132.40	163.07	16,060.08
Clay.....	21,631.40	49,712.03	6,464.64	922.15	90.00	79,712.11	50,762.97	186.83	1,100.40	27,718.90
Clayton.....	48,895.24	67,868.87	12,781.18	1,380.90	717.86	116,394.06	68,648.72	241.24	812.64	47,188.56
Clinton.....	38,719.34	103,277.93	15,616.61	1,104.03	269.21	161,886.02	186,917.19	242.90	407.16	38,218.66
Crawford.....	48,327.38	65,043.00	10,433.60	1,367.90	88.19	124,312.19	74,221.64	267.67	1,734.84	47,917.84
Dallas.....	39,722.41	78,953.59	8,888.98	9,937.01	980.48	119,971.49	79,514.09	188.10	998.60	38,972.61
Davis.....	11,800.99	20,625.77	5,888.94	53.61	445.41	38,304.74	38,311.83	78.92	1.70	12,796.79
Decatur.....	26,198.46	84,071.64	4,301.16	974.50	1,289.89	63,815.67	44,086.92	66.65	828.01	28,864.19
Delaware.....	35,032.81	45,442.78	7,787.39	1,118.87	128.00	89,806.63	51,888.17	168.19	158.19	37,503.70
Des Moines.....	23,975.21	93,695.49	10,450.44	640.89	949.45	124,891.64	96,606.86	46.92	29.94	29,708.40
Dickinson.....	16,337.98	39,918.80	4,096.21	352.63	.....	49,528.62	38,194.90	63.74	119.84	16,150.24
Dubuque.....	19,319.74	96,733.78	20,363.12	816.89	793.59	136,503.07	116,300.79	89.47	136.13	20,076.69

ABSTRACT [A] REPORT OF COUNTY SUPERINTENDENTS, 1905—CONTINUED.

SCHOOL STATISTICS.

Counties.	Pupils.						School Houses.			General.		
	Enrolled in public schools.	Previously enrolled in other districts.	Total average attendance.	Average tuition per month per pupil.	Tuition received.		Number of schoolhouses.	Value of schoolhouses.	Value of apparatus.	Number of volumes in the libraries.	Number of trees in a thirty acre lot in the schoolhouse sites.	Rooms in which the extent of studies are made.
					Below 5th grade.	5th grade and above.						
Tama.....	5,702	88	4,139	2.39	100	61	188	254,110	9,907	9,081	4,020	223
Taylor.....	4,987	143	3,259	2.06	106	77	129	114,340	4,804	8,000	2,450	173
Union.....	4,538	88	3,240	2.53	88	86	122	312,402	4,882	5,717	1,800	188
Van Buren.....	4,685	86	2,918	1.73	180	120	116	137,115	8,860	5,357	2,108	157
Wapello.....	8,578	233	6,180	1.98	128	47	118	438,300	8,884	9,087	2,463	216
Warren.....	6,009	372	3,734	2.64	125	68	145	184,970	8,046	6,023	2,810	165
Washington.....	6,031	338	3,470	2.34	115	24	159	178,335	8,442	12,180	2,518	171
Wayne.....	6,047	74	4,465	1.81	98	143	130	131,887	7,330	5,702	1,654	190
Webster.....	7,035	152	4,700	2.97	65	55	140	305,087	8,825	15,000	2,808	243
Winnebago.....	8,464	96	3,155	2.37	33	39	94	103,075	4,329	4,006	1,510	137
Winnebuck.....	6,030	46	3,013	2.30	66	19	180	103,530	6,645	6,022	2,086	172
Woodbury.....	15,910	130	9,011	2.25	115	57	216	975,210	21,882	9,917	4,089	406
Worth.....	3,723	10	1,916	3.06	18	31	97	73,665	3,377	4,852	1,373	113
Wright.....	4,473	84	3,550	3.80	25	86	141	157,000	8,409	12,035	2,305	192
Totals ..	550,378	10,039	376,552	2.237,844	7,000	50,032,800	101,042,900	18,000,000	22,450,618	2,27,000	900,000	18,000

REPORT OF COUNTY SUPERINTENDENTS.

City	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332
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ABSTRACT (B)—REPORTS FOR 1905—CONTINUED.

SCHOOL FINANCES.

COUNTIES.	TEACHERS' FUND.									
	DEBIT.					Total debit or credit.	CREDIT.			On hand.
	On hand at last report	Received from district tax.	Received from semi-annual apportionment.	Received from tuition.	Received from other sources.		Paid since last report.	Paid for other purposes.	Paid for library books.	
Emmet	\$ 10,898.60	\$ 86,478.89	\$ 4,710.87	\$ 493.75	\$	\$ 92,078.29	\$ 87,708.49	\$ 147.04	\$ 343.80	\$ 19,330.48
Fayette ..	49,298.98	63,817.28	13,612.45	861.56	669.70	134,076.96	73,871.75	102.02	222.09	51,078.50
Floyd ..	18,859.22	49,418.28	7,242.74	1,632.49	192.64	76,225.40	56,025.03	71.61	835.24	21,253.06
Franklin ..	25,227.06	42,844.31	6,914.01	1,443.76	979.51	70,849.19	50,809.19	216.99	912.54	24,940.56
Fromont ..	34,015.16	69,074.06	7,466.53	2,247.73	179.31	103,893.84	60,547.23	278.02	2,134.19	40,036.60
Greene ..	85,001.03	49,559.46	13,101.44	966.17	959.95	99,480.70	59,755.30	163.81	319.80	39,550.99
Grandy ..	27,863.78	43,190.04	7,096.10	956.32	139.58	72,808.81	46,191.88	97.43	813.64	27,265.96
Guthrie ..	51,001.56	66,117.72	8,426.06	956.40	1,439.48	99,039.22	72,303.07	25.14	870.14	26,500.47
Hamilton ..	27,041.04	57,511.33	7,864.45	661.63	204.04	92,802.45	64,205.17	375.47	372.89	28,207.42
Hancock ..	24,779.74	51,847.60	6,326.64	663.56	293.77	82,778.17	58,194.69	547.61	647.06	28,448.91
Hardin ..	50,546.76	68,499.07	9,009.25	2,327.54	470.51	131,803.09	75,711.50	281.86	1,087.82	51,012.71
Harrison ..	43,450.23	67,954.33	9,719.40	1,964.07	293.16	123,253.52	81,341.36	119.78	765.94	40,886.26
Henry ..	23,499.94	57,094.46	6,761.53	844.09	2,616.76	70,616.72	47,604.89	122.82	1,801.37	21,083.49
Howard ..	17,155.91	3,300.97	7,343.15	612.86	78.92	57,689.89	38,815.90	109.00	2,846.77	16,079.72
Humboldt ..	37,914.43	84,244.96	5,543.94	871.29	679.40	71,192.17	45,649.23	152.06	646.22	26,540.77
Ida ..	83,651.81	45,841.63	8,476.76	2,073.62	643.36	95,601.10	49,191.99	10.54	665.04	46,743.93
Iowa ..	28,947.18	46,715.51	8,057.74	1,033.51	6,044.36	89,848.34	57,938.78	223.17	4,094.33	37,809.46
Jackson ..	36,431.94	49,199.56	7,521.61	1,254.61	292.37	93,900.09	59,659.67	.....	321.15	34,250.97
Jasper ..	41,157.09	65,107.4	9,170.91	2,225.79	803.58	118,365.23	80,780.19	143.57	969.60	37,087.71
Jefferson ..	19,211.53	23,400.76	6,973.61	770.09	119.30	60,163.74	37,994.04	125.19	70.07	21,969.46
Johnson ..	23,431.81	63,343.66	9,763.80	8,448.64	634.60	99,571.41	78,610.99	52.09	512.57	24,969.74
Jones ..	36,161.08	53,813.71	9,545.70	1,068.20	493.02	100,181.67	64,551.59	114.43	712.80	35,527.15

Marion	30, 080.40	40, 723.37	6, 065.51	1, 581.00	75, 000.71	55, 054.51	148, 104	85, 051	91, 302.89
Marion	34, 140.00	51, 100.00	0, 171.40	1, 378.12	110, 400.00	61, 904.04	307, 773	1, 262.71	14, 040.00
Marshall	34, 501.79	53, 848.51	8, 451.33	1, 598.91	98, 830.98	57, 917.00	292, 000	495.73	40, 120.03
Mills	41, 73, 96	90, 734.70	3, 018.43	2, 008.00	180, 438.36	95, 001.08	110, 077	4, 008.00	40, 010.43
Mitchell	40, 147.28	48, 147.28	2, 182.10	1, 487.91	91, 441.90	49, 004.03	114, 077	1, 735.78	11, 080.64
Monroe	80, 555.63	85, 734.16	0, 835.03	1, 885.13	68, 847.80	42, 054.70	145, 200	735.59	11, 354.50
Monroe	87, 280.01	87, 101.49	0, 049.02	1, 808.42	107, 619.77	68, 819.47	78, 80	008.05	28, 843.05
Monroe	18, 609.57	48, 032.84	5, 835.08	1, 208.00	67, 632.04	42, 534.43	73, 42	831.70	28, 893.44
Monrovia	87, 572.72	49, 491.44	8, 072.49	455.80	80, 207.16	67, 004.00	50, 000	145.34	28, 471.21
Murphy	14, 543.50	75, 607.52	10, 100.00	1, 584.00	102, 800.33	81, 007.00	34, 70	4, 735.97	16, 007.05
O'Brien	33, 437.47	64, 130.47	8, 144.02	2, 354.44	104, 874.91	70, 309.94	.....	1, 738.05	34, 004.73
O'Brien	25, 108.59	20, 830.24	2, 562.75	008.55	63, 048.04	20, 079.75	81, 01	220.90	20, 043.25
Pace	44, 718.51	64, 681.60	10, 168.90	1, 289.00	130, 275.33	09, 008.03	364, 20	303.22	60, 102.00
Palo Alto	31, 781.42	48, 258.19	5, 032.80	291.27	30, 745.36	50, 370.37	202, 45	1, 072.65	28, 552.61
Plymouth	41, 609.57	62, 864.87	10, 861.00	1, 740.23	119, 034.87	73, 711.20	210, 34	321.13	43, 441.04
Ponchartraine	24, 803.00	48, 861.63	9, 814.04	1, 194.20	84, 037.03	64, 553.53	19, 077	1, 311.03	28, 210.00
Polk	134, 061.43	245, 749.87	37, 337.13	1, 002.79	459, 018.90	313, 259.55	190, 00	1, 843.03	140, 300.00
Pottawatomie	60, 079.73	170, 053.12	30, 376.04	2, 087.50	394, 183.88	180, 178.89	274, 31	1, 730.94	70, 004.31
Poweshiek	33, 477.94	61, 100.25	9, 180.53	2, 705.34	105, 071.53	00, 622.75	180, 87	153.09	35, 100.00
Ruggold	33, 067.72	42, 804.06	5, 891.15	1, 034.11	73, 086.23	45, 830.17	71, 72	1, 237.71	25, 000.00
Sage	37, 050.15	52, 281.05	10, 144.21	1, 074.24	94, 203.05	59, 994.19	10, 50	047.80	28, 250.00
Scott	87, 040.93	144, 063.72	21, 035.16	1, 785.14	257, 178.88	171, 212.13	180, 74	373.41	85, 015.00
Shelby	0, 023.60	61, 040.73	8, 140.00	1, 640.70	86, 864.40	02, 413.17	368, 34	377.17	22, 000.00
Sioux	37, 925.06	70, 918.96	13, 927.89	1, 000.45	128, 108.12	80, 835.79	185, 02	845.85	48, 578.00
Story	42, 117.50	07, 397.77	10, 100.47	2, 244.55	128, 833.19	77, 804.26	145, 00	000.33	48, 771.00
Tama	62, 312.80	62, 399.80	14, 571.20	1, 530.16	181, 339.01	70, 255.10	305, 14	307.00	21, 531.77
Taylor	25, 813.16	45, 544.81	0, 838.54	1, 533.72	83, 978.20	66, 309.85	80, 00	189.40	28, 753.14
Union	25, 020.00	46, 218.43	8, 237.40	1, 535.14	78, 047.22	58, 327.57	280, 20	180.44	20, 533.00
Van Buren	25, 166.00	81, 702.00	5, 007.72	1, 812.40	65, 785.50	68, 454.90	115, 50	904.10	20, 261.15
Wapello	28, 117.45	87, 434.41	10, 008.19	1, 004.15	128, 433.40	96, 907.00	350, 00	349.00	90, 215.30
Warren	22, 707.05	45, 000.53	5, 014.00	1, 111.50	74, 230.24	62, 161.07	143, 19	442.17	23, 450.18
Washington	23, 042.85	56, 808.06	21, 078.98	2, 570.65	93, 549.32	61, 467.00	106, 16	2, 874.03	30, 054.26
Wayne	24, 004.45	41, 442.05	0, 176.16	1, 061.27	72, 043.88	45, 535.73	243, 00	425.12	20, 202.45
Webster	33, 111.70	64, 702.91	11, 948.06	1, 117.63	180, 251.97	97, 400.39	360, 06	703.13	41, 703.01
Winnebago	21, 080.41	31, 059.70	6, 420.71	447.18	60, 801.94	35, 000.84	120, 04	439.00	24, 219.00
Winnebush	25, 753.50	41, 222.96	9, 000.00	300.00	77, 608.51	49, 000.00	268, 78	1, 406.47	28, 023.41
Woodbury	72, 000.00	134, 945.35	31, 700.24	1, 802.57	362, 452.87	183, 031.16	76, 00	2, 857.00	05, 597.51
Worth	16, 919.29	23, 015.82	3, 411.49	201.00	48, 083.60	23, 715.08	315, 71	468.11	14, 106.73
Wright	38, 454.03	63, 973.12	5, 027.16	1, 648.08	110, 437.53	05, 950.02	88, 15	08, 40	43, 827.81
Totals	43, 231, 405.00	85, 002, 517, 741.897	400, 413, 125, 701.75	879, 891.16	610, 307, 063.77	445, 745, 145.34	314, 913, 071.88	553, 290.53	457, 800.37

ABSTRACT II

SCH

County.	Schoolhouse Fund.								
	Debit.			Total debit or credit.	Credit.				
	On hand at last report.	Received from district tax.	Received from other sources.		Paid for school-houses and sites.	Paid on bonds and interest.	Paid for library books.	Transferred to other funds.	Paid for other purposes.
Adair..	\$ 594 47	\$ 4475 89	\$ 41.00	\$ 5472.37	\$ 1095 92	\$ 1744 21	\$ 228.00		\$ 990.48
Adams	3446 74	5306 91	106 4-	5859 13	779 82	1725.44		\$ 610.74	825.79
Allamakee	640 5-	1 33.41	2319.00	4579 25	2549 08	157.25		182.55	79.00
Appanoose..	4534.1	5944 50	11120 9	21704 57	5734 72	4474.61		176.85	7052.73
Audubon	1807.3	8465 42	108 45	7881 71	2660.5	1699.00		957.91	42.05
Benton..	2935 97	8040 62	14118.11	24957 6	13967 43	6391.6		242.11	1092.67
Black Hawk	3238 81	38278 75	27277 3-	57779.47	27829 42	11739.50		56.60	1327.49
Boone	349 68	10394 4	4084.71	17170 80	4156.54	4429 71	142.10	614.67	472.75
Bremer	144 67	6083.75		7514.42	1841 50	2021 15		104.2	903.59
Buchanan	3992 70	4542 90	1261 07	9527 63	638.11	4237.25	2.75	80.3	8222.81
Buena Vista	7558 49	6806.60	149.27	14514.36	944.70	7317 04		1008 11	447.90
Butler	1574 82	9091.67	4875.70	15543.2	4899 39	5101 85		25.00	1105.31
Calhoun	2921 59	8528 99	8428 44	19889 0-	12983 6-	3 95.99		150.00	1257.06
Carroll.	3028 35	10155.98	1316 2-	14574 6	7225.55	2406 74		202.25	182.66
Case	3070 67	4651.95	7137.12	14859.74	622.91	1830.66	11.30	642.11	5464.45
Cedar	2 87 8	4946.10	25565 70	25589 71	25593.2-	2116.15		208.21	219.60
Cerro Gordo	827 74	15328.80	1587 87	25397 47	8770.74	7093.10		1216.30	1157.60
Cherokee	3226 07	41 0 04	124.50	7549.5	1810.00	1227.60		209 30	108.04
Chickasaw	1814.58	2525.50	1538.20	5918 3-	24 9.80	1161.80		548.00	330.15
Clarke	945 42	4732 27	977.87	6665 56	615.00	1024.57		40.17	149 47
Clay	2154 41	8181 0-	344.20	10667.78	1274.80	8063.45	18.00	171.60	341.30
Clayton	2071 17	5502.79	1694.54	9466 40	1235.57	8174 40		915.80	1365.68
Clinton	6718.00	18180.63	83.28 44	57967 01	9494 64	8594.87		311.0	692.73
Crawford	1772 00	7536.0	1175 35	10503.35	1221.00	6229.00	100.00		1323.43
Dallas	5115.70	10120 90	21545.86	36782 1-	23674.10	1731.90		463.00	437.40
Davis	1144 52	4839 85	43.47	5627.50	667 30	2542.05		3 4 0-	27.91
Decatur.	1492 92	7486 70	1892.75	10262 4	3401.43	1541 20		112.10	3068.6
Delaware	1168 89	2024 10	11099.35	14392.4	4537.80	898.69		103.27	246.31
Des Moines	1829 69	14451 59	1075 30	17756.20	2945 14	8408 66		153.97	571.29
Dickinson	2408.07	7941.34	610 10	11154.45	3474.00	3897 82		1209.61	273.73
Dubuque	1784 76	5312.10	96.50	7693 5	576.40	4936.66		312.61	602.00
Emmet	3172 94	3712.41	1823 30	8709 8	4400.11	2550.5			8.40
Fayette	4700 60	10018 08	1648.50	16367.20	9631 80	8313 40	1.60	612.44	55 36
Floyd	5006 50	8896.71	13.80	13906 00	1425.60	7091.83		1510.00	348.97
Franklin	2236 13	9419.10	89.44	11844.67	2550.00	2107 4		228.10	834.60
Fremont	1475 64	6488.57	14.15	8048 3	5326.20	1430 00		178.8	343.70
Greene	1691 80	3143 70	20935 94	26827 40	6819.33	1208.76		117 41	1237.08
Grundy	3510 22	5019 88	3979 99	11504 00	034.94	3968 30		641.34	2980.42
Guthrie	3197 09	3316 20	180 80	6994 87	1661.84	1768 55		1822 91	
Hamilton	3084.93	11368.77	11240.51	25781.21	11122.20	3374 00		98.70	456.60
Hancock	7347 87	6947.65	1671 71	16167 4	4460.60	1989.8		1643 86	894.13
Hardin	6141 84	8-11 20	283 30	15294 9	2046.98	5372 52		413 74	2154.86
Harrison	6941 67	8994.80	9495.68	25483 14	6979 43	13489.47		877.47	1922.31
Henry	1669 27	3002.30	263.00	4935.40	1120.0	2066.20		589.05	31.54
Howard	8765.65	4459.10	25.25 00	83340.70	15000.00	6039.66			147.69
Humboldt	12981 65	8641 34	412.00	17934.99	17268 44	1620.11		513.80	204.09
Ida	3555 51	5225.01	4731.00	13511 6		7504.65		917.45	5792.13
Iowa	4135.79	5490.05	477.0	10103.72	2106.40	2184.09		74.28	493 19
Jackson	3436.33	4072.01	4109.76	10697 07	2211.41	1620 28	1.00	712.5	2003.17
Jasper	5580 30	11110 45	2325 79	17016.44	3770.75	4905.80		297.71	1510.55

IS FROM 1905—CONTINUED.

8

Contingent Fund.

Debit.		Total debit or credit	Credit.							
Received from district tax.	Received from other sources.		Paid for fuel, rent, repairs, insurance and janitors.	Paid secretaries and treasurers.	Paid for records and apparatus.	Paid for library books and stenographers.	Paid for free text books.	Paid for text books and general supplies.	Paid for other purposes.	On hand.
12271.08	\$ 470.04	\$ 12741.12	\$ 12270.71	\$ 1424.59	\$ 302.70	\$ 181.46		\$ 578.18	\$ 1046.42	\$ 7607.54
12257.80	806.83	13064.63	8250.42	1131.88	165.35	68.54	298.90	897.58	1182.94	6682.78
12474.77	1539.21	14013.98	9328.95	1195.09	73.10	69.70	110.00	1158.08	907.09	6120.65
12236.08	205.84	12441.92	12917.41	1513.06	823.96	188.90	71.04	420.02	1388.97	9177.63
147.73	2551.69	2699.42	11689.21	1219.07	470.13	16.79	523.85	263.58	2201.41	5942.25
22705.07	2194.89	24899.96	18773.63	1798.01	90.00	71.61		1141.81	2534.51	15403.96
22221.85	2650.83	24872.68	24463.10	1616.93	166.99	699.88	9.70	4089.48	9624.67	11790.80
23627.26	7171.80	30799.06	14967.14	1794.34	81.90	201.11	1.85	455.30	11043.53	8360.74
12729.88	1766.65	14496.53	20719.55	9514.14	113.52	128.73	65.27	1783.69	218.89	5814.70
22371.86	1.98.23	22373.84	14406.83	1453.25	271.69	133.85		877.20	2627.77	8761.85
21024.49	4161.71	25186.20	12135.03	1261.93	298.95	115.82	20.70	1445.89	11369.27	8431.53
12422.82	444.58	12867.40	19499.53	1691.61	874.68	109.34		662.90	2175.29	13388.76
21742.41	2342.63	24085.04	17844.57	1670.50	617.54	81.49	458.39	2506.73	1792.94	4822.58
21741.40	2704.63	24446.03	12307.78	1599.95	715.74	878.16	850.80	8022.49	2980.65	11714.89
24607.01	2819.24	27426.25	17105.93	1413.57	142.89	710.32		604.08	4949.19	9261.96
17422.90	2768.48	20191.38	18966.8	1751.91	404.14	117.83	92.59	626.86	4110.84	11224.27
27742.77	11161.59	38904.36	22108.47	1546.04	1402.67	151.80	41.69	6556.94	5075.75	8241.01
2011.06	5949.61	7960.67	15996.07	1707.67	935.61	35.00		864.49	1920.05	11831.19
12270.99	5251.23	17522.22	9612.80	1075.78	126.22	88.81	651.14	421.11	5581.93	4122.17
11608.18	479.45	12087.63	8720.88	875.98	147.76	28.68		20.02	1280.8	4932.83
12427.23	2567.78	14995.01	12608.98	1212.22	609.63	62.84	49.95	816.66	4166.42	8361.46
21422.47	2183.66	23606.13	17063.27	1798.68	220.51	485.42	78.26	2434.62	2210.11	9027.96
22224.09	1787.73	24011.82	24755.71	2544.43	839.13	177.49	3404.90	2997.13	6927.44	10847.57
29704.62	7707.83	37412.45	20440.72	2189.50	243.91	311.92	973.66	5465.74	6941.29	7896.43
20026.36	5621.00	25647.36	17760.85	1765.21	753.70	677.99	10.10	1016.22	7500.53	10548.80
2795.91	6793.27	9589.18	7150.04	1654.19	50.09	1.45		116.82	5717.25	2004.76
12227.94	1707.43	13935.37	9721.85	12.60	859.75	201.98	172.10	3.24	2218.18	4151.64
12037.68	2.03.84	12040.52	11632.74	1375.87	681.66	147.27		811.71	1783.56	9319.65
20772.82	5464.82	26237.64	26514.61	1592.83	437.43	155.90	237.22	1683.79	1589.91	4681.87
1121.07	1592.54	2713.61	7840.13	961.92	120.54	69.81		279.65	2980.78	3221.24
20929.98	721.07	21651.05	33976.87	493.29	1593.99	436.39	9.85	24.410	6738.03	4801.73
12226.46	295.57	12522.03	10551.78	758.21	206.43			1045.75	2968.37	3415.91
20029.96	1288.07	21318.03	16961.84	1345.06	63.22	189.68	10.44	759.20	2424.89	18326.84
22170.22	2062.72	24232.94	1213.77	919.00	232.96	110.05	56.14	549.95	8065.07	6999.64
16713.79	8939.20	25652.99	12105.51	1600.04	169.24	118.07	2.48	485.87	8510.76	8544.79
17236.41	1363.11	18600.52	14434.51	1424.69	386.84	196.81	299.06	353.82	2672.85	9463.41
17044.83	1703.16	18747.99	11818.90	1354.59	790.46	1304.29		715.16	3106.04	10899.78
12000.62	2040.92	14041.54	10903.19	1269.43	11.35	181.30		91.53	2753.29	7505.18
24129.89	1856.22	25986.11	18089.88	1195.68	240.20	327.07	8.54	128.43	1869.97	10380.91
20029.66	2120.48	22150.14	19059.71	1582.72	479.58	90.40	7.91		2923.82	11507.95
21179.90	2180.90	23360.80	12430.25	1427.44	291.48	45.90	470.83	1842.17	2902.33	11405.70
20770.41	1979.66	22750.07	19439.78	1852.90	284.56	162.92	6.00	2762.94	2816.97	12871.40
20715.51	1875.47	22590.98	18524.08	1880.87	633.70	141.75	544.09	3161.63	2800.60	11322.29
14742.63	2998.02	17740.65	11302.32	147.33	431.84	83.56		289.45	2770.25	6628.22
12761.69	548.86	13310.55	11144.58	911.77	149.65	89.41		191.68	516.56	4912.40
12799.87	1641.62	14441.49	9858.90	862.62	173.05		2.06	843.64	2535.76	4988.49
12926.71	2279.41	15206.12	12154.14	1021.62	274.52		1.14	257.14	2724.67	7164.96
17000.56	8533.76	25534.32	12501.66	1723.54	1065.89	24.51	8.70	1417.09	4389.60	10117.65
19240.80	1967.68	21208.48	1960.78	1998.61	253.96	175.17	194.67	2540.02	3124.01	11649.12
20200.96	2068.13	22269.09	17319.47	1592.60	268.14	28.40	278.43	2207.89	2615.45	11327.67

48

ABSTRACT [C]—

EXAMINATION

Counties.	Number and Classes of Certificates Issued.									Total number issued.	
	First.		Second.		Third.		Special.		Kind er'r-en.*		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Females.	Males.	Females.
Adair	4	88	10	78	16	100	.....	.....	.....	80	211
Adams	6	19	17	130	.....	.....	.....	.....	.....	28	151
Allamakee	2	17	15	78	5	68	2	9	.....	14	167
Appanoose	6	8	11	106	12	67	.....	9	14	82	204
Audubon	4	23	12	79	12	76	.....	8	.....	28	181
Benton	14	57	80	156	.....	.....	.....	.....	.....	44	218
Black Hawk	2	33	19	184	.....	.....	4	19	5	25	244
Boone	8	42	14	139	23	141	1	1	.....	46	323
Bremer	5	31	12	135	.....	.....	.....	1	2	17	173
Buchanan	6	79	16	134	.....	.....	.....	8	.....	22	217
Buena Vista	8	43	6	108	3	44	.....	.....	.....	12	190
Butler	8	40	28	128	.....	.....	.....	.....	.....	83	168
Calhoun	5	36	9	130	8	54	.....	9	.....	17	239
Carroll	10	34	16	91	9	45	1	6	.....	36	176
Cass	6	43	17	173	8	81	.....	3	.....	26	249
Cedar	4	20	22	155	1	7	.....	4	.....	27	186
Cerro Gordo	5	35	18	153	8	33	2	12	.....	28	222
Cherokee	2	31	17	146	3	26	.....	.....	.....	22	203
Chickasaw .....	.....	30	5	65	5	45	.....	13	.....	10	153
Clarke	2	26	18	48	23	78	.....	1	.....	44	153
Clay	6	33	10	140	1	14	1	6	.....	18	193
Clayton	4	15	16	143	14	59	7	1	.....	41	217
Clinton	2	16	4	182	12	172	6	12	.....	24	332
Crawford	6	42	7	149	8	48	1	9	3	17	249
Dallas	8	30	28	160	4	53	.....	8	.....	40	251
Davis	9	6	18	54	16	49	1	1	.....	44	110
Decatur	6	31	15	107	16	86	.....	.....	.....	37	224
Delaware	2	43	5	60	7	74	.....	.....	.....	14	177
Des Moines	1	8	14	163	.....	.....	8	8	10	23	189
Dickinson	2	31	7	92	1	9	.....	1	.....	10	133
Dubuque	4	31	19	199	1	9	6	7	12	30	258
Emmet	8	17	5	64	5	48	.....	7	.....	10	186
Fayette	1	31	13	137	13	32	15	50	.....	42	250
Floyd	4	21	12	162	.....	1	2	5	2	18	191
Franklin	6	24	18	114	14	71	.....	.....	.....	38	209
Fremont	5	31	5	137	12	57	.....	8	.....	32	223
Green	8	31	7	125	10	48	2	14	.....	27	233
Grundy	9	26	26	166	.....	.....	.....	.....	.....	35	193
Guthrie	12	39	12	88	17	104	.....	1	.....	41	233
Hamilton	1	18	7	97	17	105	2	5	8	28	228
Hancock	8	22	33	136	8	61	.....	3	.....	49	232
Hardin	5	33	18	152	13	52	1	7	1	37	250
Harrison	11	33	10	139	.....	.....	1	5	.....	23	232
Henry	8	31	17	126	6	30	.....	2	3	31	193
Howard	5	23	7	97	3	54	.....	4	.....	15	133
Humbolt .....	.....	14	8	83	10	74	.....	2	.....	18	173
Ida	5	35	6	90	.....	23	.....	.....	.....	11	143
Iowa	8	22	33	110	3	75	2	6	.....	51	213
Jackson	1	18	6	143	11	58	.....	.....	.....	18	213
Jasper	4	31	15	238	.....	.....	.....	4	.....	19	295

REPORT OF COUNTY SUPERINTENDENTS.

65

REPORTS FOR 1905—CONTINUED.

OF TEACHERS.

Number of rejections.		Candidates examined.		Different persons licensed.		Average age of teachers.		No experience.		Taught less than one year.		Holding state licenses.		Members teachers' reading circle.
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
8	43	25	344	20	117	26	21	4	26	2	47	5	4	...
4	57	27	198	22	121	26	22 1/4	1	17	3	28	1	2	...
3	42	17	209	8	141	...	...	...	11	3	21	1	3	29
13	80	45	284	31	181	26	23	8	85	14	76	4	4	...
11	29	59	210	25	139	27.7	23	0	29	7	22	2	3	10
20	67	78	273	44	212	24	21	6	30	17	54	7	5	...
4	19	29	263	23	235	25	23	10	85	5	45	3	30	3
8	84	54	257	32	211	27	23	6	22	11	55	1	25	...
2	24	19	196	15	134	24	22	4	30	9	59	...	...	...
1	4	23	221	15	154	25	20	6	40	4	81	6	54	5
...	17	12	207	10	161	26	22	3	44	2	80	5	10	10
21	64	57	232	36	163	22	21	13	27	8	11	7	24	...
1	34	15	272	14	130	25	22	5	35	7	79	6	9	115
12	56	48	281	31	169	25	21	5	26	2	7	0	10	81
5	...	31	270	4	176	23	22	4	44	3	39	5	6	...
4	22	31	205	12	165	26	21	6	46	5	25	4	18	...
3	42	30	264	27	207	22.4	21.3	9	84	3	33	4	15	...
8	86	25	236	19	163	25.6	27.9	7	36	2	27	6	16	...
3	56	15	202	10	135	19	25	4	14	7	25	5	10	...
1	19	45	171	34	119	25	21	11	38	12	18	3	4	6
4	11	22	209	13	160	29	21	2	39	2	29	4	3	...
9	56	51	267	22	194	23	22	7	42	26	78	1	1	23
6	72	30	464	22	206	27	23	2	57	3	32	6	9	157
6	71	21	520	16	197	33	21	5	50	8	55	4	12	129
5	47	45	223	40	223	24	21	4	50	19	32	5	10	...
14	81	53	293	54	131	25	22	6	30	3	9	1	8	24
3	4	40	144	33	176	21	22.7	10	44	14	54	7	5	...
2	39	16	222	14	160	27	22	2	20	1	27	3	8	...
1	25	24	216	22	175	23	20	4	15	6	21	2	27	...
...	12	10	214	10	113	22	21.5	4	39	1	11	3	7	...
...	29	30	145	...	252	25.5	26	...	13	1	5	5	2	...
9	31	15	167	0	117	27.1	22.3	1	18	2	...	1	18	7
5	65	47	226	49	226	22	22	3	30	5	0	5	10	...
4	27	22	215	15	163	24	21	4	28	1	13	6	12	22
12	55	50	218	...	208	24	20	...	47	...	35	6	10	29
10	20	32	264	17	194	24	22	10	32	16	50	5	4	30
15	59	42	222	25	191	24	22	7	32	10	50	7	8	55
2	27	37	216	30	141	24	21	5	22	10	24	4	6	12
3	24	44	216	27	170	26	24	13	43	21	75	5	7	...
10	53	35	261	23	173	27	23	9	32	5	33	5	9	...
5	20	37	242	21	149	24	22	14	34	1	20	6	10	114
6	25	43	273	23	156	25	23	9	39	13	52	10	20	153
12	120	34	262	22	232	22	19	4	25	2	21	...	...	50
7	72	39	265	23	159	21.6	23.5	13	40	5	41	1	1	...
6	43	31	222	9	152	23	20	1	32	3	45	2	7	20
...	24	19	197	17	147	22.5	22.3	6	30	10	64	6	9	...
...	7	11	155	6	130	...	...	...	13	4	20	4	5	...
1	21	22	234	43	179	21	20	6	34	6	66	4	4	17
1	19	19	228	16	213	27	24	4	4	1	29	5	2	...
23	184	62	427	19	292	24	25	10	47	4	39	6	15	...

ABSTRACT [C]—

EXAMINATION

County.	Number and Classes of Certificates Issued.									Total number issued.	
	First.		Second.		Third.		Special.		Kindergarten.*		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Females.	Males.	Females.
Jefferson..	4	5	14	181	8	84	..	2	..	34	703
Johnson..	7	35	15	207	..	..	5	3	..	27	340
Jones..	8	31	14	160	..	..	..	1	1	17	193
Keokuk..	12	85	49	317	..	..	..	1	..	59	253
Kossuth..	1	21	22	156	10	92	1	20	..	40	283
Lee..	3	7	15	179	5	51	5	9	..	25	246
Linn..	2	52	5	193	12	194	2	2	..	21	405
Louis..	5	13	6	54	12	90	..	2	..	2	130
Lucas..	1	14	7	45	24	101	..	..	..	2	181
Lyon..	10	46	13	102	7	10	1	5	..	33	161
Madison..	6	30	14	183	7	36	..	..	..	27	251
Mahaska..	4	9	19	85	47	218	2	2	2	66	317
Marion..	7	21	6	63	17	109	2	4	1	32	196
Marshall..	2	14	20	157	10	78	2	12	2	37	247
Mills..	6	21	11	85	7	45	..	2	..	24	154
Mitchell..	5	15	8	147	..	..	..	3	..	11	169
Monona..	4	29	9	111	4	47	..	..	..	17	182
Monroe..	3	10	8	71	12	60	1	8	..	24	156
Montgomery..	1	29	5	81	5	50	..	..	..	21	170
Muscatine..	2	60	5	61	12	84	..	2	..	17	212
O'Brien..	5	25	13	102	10	101	1	2	1	25	230
Osceola..	2	13	10	79	4	37	..	..	..	17	131
Page..	4	12	4	124	4	73	..	4	..	15	213
Palo Alto..	4	50	18	71	7	20	1	5	..	27	135
Plymouth..	5	19	5	146	2	22	..	2	..	11	180
Pocahontas..	6	51	14	87	5	42	..	..	..	2	180
Polk..	5	131	25	302	..	..	31	172	37	55	512
Pottawattamie..	11	118	10	251	..	..	5	24	23	32	413
Poweshiek..	7	34	13	90	5	45	..	1	3	21	184
Ringgold..	1	29	6	51	6	93	..	1	..	12	174
Sac..	10	81	8	170	7	81	..	4	..	25	215
Shoemaker..	4	2	20	83	..	..	15	27	..	45	360
Shelby..	20	31	20	145	..	..	..	..	..	44	179
Sioux..	11	49	12	129	13	94	2	16	..	30	281
Story..	6	19	45	228	..	..	..	..	..	50	248
Tama..	9	43	17	106	..	..	5	7	..	21	245
Taylor..	8	41	8	43	24	103	..	2	..	33	190
Union..	9	29	15	65	7	31	3	1	2	32	153
Van Buren..	7	14	10	75	16	81	..	1	..	33	171
Wapello..	2	14	10	166	5	87	4	11	..	21	231
Warren..	7	34	14	115	9	59	..	4	..	30	203
Washington..	5	25	28	24	..	..	..	..	3	33	242
Wayne..	10	17	31	140	20	64	..	..	..	5	315
Webster..	5	43	9	166	5	29	3	9	..	21	246
Winnebago..	12	33	9	79	1	33	..	3	..	24	150
Winnebush..	8	13	18	118	18	50	..	6	1	30	190
Woodbury..	5	115	6	141	..	4	13	12	1	34	326
Worth..	9	26	28	79	..	..	..	..	..	37	104
Wright..	3	43	20	140	13	60	..	5	..	38	248
Totals..	544	3,105	1,424	12,779	741	4,807	170	715	141	2,354	21,544

*No kindergarten certificates were issued to males.

REPORTS FOR 1905—CONTINUED.

OF TEACHERS.

Number of rejections		Candidates examined		Different persons licensed		Average age of teachers		No experience		Taught less than one year		Holding state license		Members teachers' reading circle
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
3	33	2	234	21	157	25	28	6	27	1	50	3	7	25
2	17	2	84	16	168	22	27	1	67	1	47	2	8	25
8	62	2	243	16	177	21	23	5	89	8	9	3	8	4
2	47	6	300	87	132	23	21	10	85	2	28	12	8	6
2	147	25	457	44	204	2	22	15	5	7	20	9	24	6
1	1	2	251	25	252	21	21	6	5	6	4	5	2	88
3	25	2	45	12	416	21	2	7	6	6	134	12	42	9
2	15	2	144	15	107	21	2	14	25	14	52	3	5	68
4	25	2	21	27	124	20	23	6	6	1	7	5	10	25
1	1	23	171	30	145	20	22	11	2	15	27	5	10	25
5	11	28	270	25	289	21	27	7	87	7	23	4	4	145
10	8	71	474	52	233	24	27	13	45	10	27	10	6	6
2	75	21	251	25	144	25	25	5	2	2	28	2	2	75
7	7	4	212	25	192	24	22	6	27	4	27	8	87	75
1	41	2	210	22	127	28	23	6	32	1	2	1	6	101
2	2	12	191	11	166	24	23	2	12	1	12	4	2	101
1	11	1	193	18	158	2	2	4	4	1	2	2	10	69
7	5	2	224	20	137	24	19	11	35	1	7	1	14	80
2	19	24	140	20	140	24	19	7	3	1	5	1	14	80
1	1	1	212	1	184	2	25	5	48	3	21	6	7	...
1	2	24	250	2	175	25	2	1	65	2	46	6	28	43
5	41	24	172	2	154	2	23	1	21	2	54	1	5	43
3	91	15	204	11	187	25	21	2	42	2	56	7	40	117
17	12	41	253	21	106	24	25	12	5	1	39	4	6	2
2	22	11	231	1	190	24	22	2	21	4	49	6	8	50
2	5	2	213	2	157	24	22	1	4	4	2	7	13	...
15	14	74	674	61	592	25	21	1	6	14	4	...	...	257
7	77	3	490	25	24	2	2	15	94	20	14	8	53	260
1	57	2	241	22	107	...	...	7	35	4	24	2	15	...
1	4	1	917	15	134	25	2	2	2	...	15	5	8	80
1	53	2	269	1	161	21	22	6	14	8	1	7	11	...
5	7	43	267	4	247	21	2	2	25	2	7	2	2	...
1	27	24	216	40	172	2	21	1	30	4	5	...	...	60
9	5	5	248	24	24	21	2	1	56	4	42	6	6	120
6	5	5	201	21	24	2	2	15	76	8	104	6	15	...
6	6	3	240	24	224	3	22	11	31	2	84	6	8	102
9	21	4	211	28	163	21.5	22	13	2	24	6	2	11	...
6	12	8	173	26	107	27	27	2	25	1	17	8	1	108
1	8	3	179	2	145	25	23	7	31	6	6	6	2	12
2	67	3	345	15	214	25	24	5	28	...	8	3	17	...
4	15	24	218	21	177	25	21	4	24	3	26	6	6	18
2	61	57	202	2	161	25	22	1	41	2	3	6	12	33
4	15	21	220	24	164	25.5	22	6	24	2	43	4	4	...
6	25	8	314	2	211	26	24	7	3	1	8	7	2	...
19	10	2	160	25	114	21.4	24	6	35	2	27	5	5	8
1	24	25	241	2	140	21	21	14	24	4	27	5	5	24
2	14	20	118	21	149	24	22	11	14	19	34	3	...	16
1	8	24	226	27	161	21	23	6	51	7	56	4	2	...
500	4142	2474	25792	2722	14019	25.2	22.5	42	2429	405	2782	444	111	2153

*Average age of teachers.

REPORT OF COUNTY SUPERINTENDENTS.

ABSTRACT [D].

VISITATION OF SCHOOLS, APPEALS, ETC., 1905.

Counties.	Visitation of schools.		Educational meetings.			Appeal.	Compensation of Co Supt.	College and private schools.				Amount paid Assistant to Co. Superintendent.
	Schools visited by Co. Supt.	Visits made during the year.	County associations.	Township meetings.	Educational meetings held.			Number.	Teachers employed.	Students attending.	Number of graduates, 1905.	
Adair.....	90	90	Yes	Yes	..	1	\$ 1,250 00	..	..	..	..	\$ 71.00
Adams.....	42	5	No	Yes	4	..	1,250 00	..	5	147	..	..
Allamakee.....	89	9	No	No	..	1	1,250 00	..	..	..	..	..
Appanoose.....	51	54	Yes	Yes	4	..	1,250 00	..	..	..	..	..
Audubon.....	67	85	Yes	Yes	4	..	1,250 00	..	..	..	..	..
Benton.....	70	63	No	No	4	..	1,250 00	4	15	223	14	10 00
Black Hawk.....	109	115	No	No	4	..	1,350 00	5	91	3,834	28	360 00
Boone.....	127	152	Yes	No	2	..	1,250 00	2	11	34	16	140.00
Bremer.....	154	294	Yes	Yes	4	..	1,250 00	18	9	44	11	..
Buchanan.....	150	200	No	No	..	..	1,250 00	4	23	37	..	100.00
Buena Vista.....	74	75	Yes	Yes	2	..	1,250 00	1	21	174	3	..
Butler.....	154	164	Yes	Yes	6	..	1,250 00	..	..	..	..	62.75
Calhoun.....	164	210	Yes	No	3	1	1,250 00	..	..	..	..	71.00
Carroll.....	47	5	Yes	No	2	..	1,250 00	1	54	1,180	24	7.10
Cass.....	40	..	Yes	Yes	6	1	1,250 00	..	..	..	..	5.10
Cedar.....	77	84	Yes	No	2	..	1,250 00	4	5	20	31	..
Cerro Gordo.....	112	..	Yes	No	1	1	1,250 00	4	25	34	14	300.00
Cherokee.....	179	206	Yes	No	13	..	1,300 00	2	8	175	..	414.90
Chickasaw.....	114	140	No	No	..	..	1,250 00	4	13	55	14	..
Clarke.....	70	82	Yes	Yes	4	..	1,250 00	..	..	..	..	25.00
Clay.....	150	165	Yes	Yes	4	..	1,250 00	1	3	104	1	..
Clayton.....	215	224	No	No	4	..	1,250 00	..	..	..	..	..
Clinton.....	175	235	Yes	No	14	..	1,250 00	14	87	1,854	137	300.00
Crawford.....	134	150	Yes	Yes	10	..	1,250 00	10	20	857	115	19.72
Dallas.....	201	210	Yes	Yes	22	..	1,250 00	1	7	85	..	100 00
Davis.....	83	85	Yes	Yes	22	..	1,250 00	1	..	..	..	120.00
Decatur.....	64	80	No	No	4	..	1,250 00	1	8	104	14	..
Delaware.....	80	83	No	Yes	8	..	1,250 00	4	18	174	9	8.00
Des Moines.....	40	4	No	No	4	..	1,250 00	7	22	636	..	..
Dickinson.....	70	94	No	No	4	..	1,250 00	..	..	..	..	..
Dubuque.....	136	162	No	Yes	7	..	1,500 00	18	103	2,825	186	..
Emmett.....	109	241	Yes	Yes	5	..	1,250 00	..	..	..	..	..
Fayette.....	61	70	Yes	Yes	2	1	1,250 00	8	34	631	114	54 50
Floyd.....	164	164	No	Yes	12	..	1,250 00	8	21	350	34	11.38
Franklin.....	104	129	No	Yes	7	..	1,250 00	1	..	..	..	23.37
Fremont.....	91	81	No	No	1	..	1,250 00	1	14	187	6	..
Greene.....	125	13	Yes	Yes	1	..	1,250 00	1	4	72	4	..
Grundy.....	102	115	No	No	5	..	1,350 00	..	..	..	..	..
Guthrie.....	61	70	Yes	Yes	1	1	1,250 00	..	..	..	..	..
Hamilton.....	84	84	Yes	No	4	..	1,250 00	2	9	101	9	207 00
Hancock.....	181	18	No	Yes	6	..	1,250 00	..	..	..	..	110.00
Hardin.....	161	210	Yes	Yes	14	..	1,350 00	2	15	344	23	75.00
Harrison.....	5	..	No	No	7	1	1,250 00	1	6	294	21	50.00
Henry.....	53	60	Yes	Yes	14	..	1,348 00	7	40	878	111	..
Howard.....	114	216	No	No	5	..	1,260 00	2	9	252	60	2.50
Humboldt.....	132	154	Yes	Yes	5	1	1,250 00	..	..	..	..	..
Ida.....	102	108	Yes	Yes	17	..	1,450 00	..	..	..	..	..
Iowa.....	140	160	No	Yes	28	..	1,250 00	5	4	312	30	6 90
Jackson.....	3	87	No	No	4	..	1,250 00	..	..	..	..	34.00
Jasper.....	116	115	No	Yes	3	..	1,250 00	1	4	58	..	245.00
Jefferson.....	127	134	Yes	No	6	..	1,248 00	3	30	475	29	..
Johnson.....	97	97	Yes	Yes	24	..	1,250 00	5	20	555	42	50 00
Jones.....	45	50	Yes	No	5	..	1,250 00	..	..	..	..	7.50
Keokuk.....	75	90	Yes	Yes	27	1	1,260 00	1	2	122	6	..
Kossuth.....	210	235	Yes	Yes	..	..	1,250 00	5	18	610	50	..

REPORT OF COUNTY SUPERINTENDENTS.

ABSTRACT [D]—CONTINUED

VISITATION OF SCHOOLS, APPEALS, ETC., 1905.

Counties.	Visitation of schools.		Educational meetings.			Compensation of Co. Supt.	College and private school.				Amount paid assistants to Co Superintendent.			
	Schools visited by Co. Supt.	Visits made during the year.	County association.	Township meetings.	Educational meetings held.		Received for of ficial services from Oct. 1, 1904, to Oct. 1, 1905.	Number.	Teachers employed.	Students attending.		Number of graduates, 1905.		
Lee	180	203	No	No	3	1,250.00	7	...	...	2	...	
Linn	107	124	Yes	No	10	1,250.00	8	71	1166	86	240.00			
Louisa	75	89	Yes	No	3	1,250.00	...	...	...	...	...
Lucas	77	85	Yes	Yes	2	1,250.00	...	...	...	...	...
Lyon	66	63	Yes	No	3	1,250.00	1	8	...	...	...
Madison	174	197	Yes	Yes	13	1,250.00	...	...	...	...	...
Mahaska	70	70	No	No	3	1,250.00	1	1	483	42	...			
Marion	45	51	Yes	Yes	5	1,251.42	...	17	182	...	5.00			
Marshall	126	125	No	No	3	1,250.00	...	1	53	51	83.00			
Mills	60	72	Yes	No	2	1,250.00	1	...	44	4	...			
Mitchell	182	174	Yes	Yes	23	1,200.00	4	8	70	2	50.00			
Monona	150	171	Yes	Yes	4	1,250.00	...	...	...	...	130.00
Monroe	83	107	Yes	Yes	7	1,250.00	...	...	...	...	...
Montgomery	115	124	No	Yes	1	1,250.00	...	...	...	...	7.00
Muscatine	104	111	Yes	No	4	1,250.00	...	11	484	...	...	
O'Brien	145	191	Yes	No	...	1,250.00	2	...	107	23	3.00			
Osceola	85	111	Yes	No	5	1,250.00	...	...	23	...	...	
Page	133	195	Yes	No	4	1,250.00	2	5	1067	21	40.00			
Palo Alto	70	75	Yes	Yes	3	1,250.00	...	...	20	...	112.00	
Plymouth	84	94	Yes	No	3	1,250.00	...	...	51	...	...	
Pocahontas	71	7	Yes	No	2	1,250.00	1	...	142	...	4.00			
Polk	138	127	Yes	No	3	1,500.00	1	32	609	638	...			
Pottawattamie	131	160	No	No	11	1,800.00	...	31	50	44	500.00			
Rowles	5	5	No	No	19	1,250.00	1	3	480	55	8.00			
Sagadahoc	98	94	Yes	Yes	4	1,250.00	...	...	...	...	25.00
Se	135	162	Yes	No	1	1,250.00	1	...	122	21	250.00			
Sh	123	132	...	...	3	1,490.00	1	7	135	69	47.75	
Si	150	400	Yes	Yes	51	1,250.00	...	...	...	...	50.00
St	80	8	Yes	No	21	1,250.00	7	2	711	6	230.00			
Su	173	150	Yes	Yes	12	1,250.00	...	116	198	161	43.10			
Ta	110	154	No	Yes	18	1,250.00	...	21	331	27	215.50			
Th	54	92	Yes	No	5	1,250.00	...	...	...	...	86.75
Tr	173	15	Yes	Yes	4	1,250.00	...	...	171	19	40.00	
W	11	15	Yes	Yes	3	1,252.00	...	...	...	...	...
Wa	81	8	No	No	4	1,252.00	3	1	400	12	505.00			
We	10	14	Yes	Yes	...	1,250.00	1	5	90	51	21.00			
Win	132	13	No	Yes	9	1,250.00	...	...	390	32	...	
Wis	145	28	Yes	...	2	1,340.00	...	...	...	...	4.05
Wm	101	118	Yes	No	1	1,250.00	8	21	45	31	17.00			
Wyo	104	16	Yes	No	4	1,250.00	...	1	211	12	...			
X	80	9	No	Yes	3	1,250.00	1	45	1767	69	10.00			
Y	64	74	Yes	Yes	6	1,510.00	8	21	969	6	...			
Z	109	135	Yes	Yes	6	1,240.00	...	...	...	...	...
Total	190	207	Yes	Yes	68	1,250.00	1	...	...	...	200.00
Total	10408	12627	794	2	123	839	4	276	1,842	40721	4,502	\$7,043.55

65, No 32, Not reporting 2.

61, No 43, Not reporting 2.

REPORT OF COUNTY SUPERINTENDENTS.

ABSTRACT [D]—CONTINUED.

SUMMARY OF SUPERINTENDENTS' WORK, 1905.

Counties.	Schoolrooms.	Number schools visited.	Number different visits.	Days consumed in examinations.	Candidates examined.	Certificates granted.	Number teachers necessary.	Counties.	Schoolrooms.	Number schools visited.	Number different visits.	Days consumed in conducting examination.	Number candidates examined.	Number certificates issued.
Adair	16	96	96	75	392	241	165	Jehraon.....	282	97	97	10	37	35
Adams	139	41	55	7	215	174	135	Jones	179	50	45	70	29	219
Allamakee....	157	92	98	58	225	18	156	Keokuk	204	75	90	52	35	312
Appanoose ..	220	51	51	3	325	239	206	Kossuth ...	277	210	220	...	51	329
Audubon	159	61	65	61	249	209	159	Lee	206	18	105	50	28	272
Benton	297	50	63	5	240	25	286	Linn	402	109	121	7	50	499
Black Hawk ..	15	109	117	77	29	269	274	Louis	114	76	89	42	17	159
Boone	221	127	132	31	411	369	231	Lucas	122	55	77	...	34	196
Bremer	140	157	291	42	215	189	139	Lyon	18	65	65	41	20	139
Buchanan	194	5	200	109	244	229	197	Madison.....	177	174	195	30	32	379
Buena Vista ..	177	74	76	109	21	202	177	Mahaska....	22	71	70	...	479	321
Butler	151	164	164	47	299	207	19	Marion	181	48	50	50	25	234
Calhoun	188	199	216	77	237	257	199	Marshall ..	246	125	145	49	33	394
Carroll	181	43	51	47	279	212	159	Miller	152	61	72	90	29	187
Cass	197	71	85	69	301	215	189	Mitchell ...	14	131	179	41	19	170
Cedar	177	71	85	69	301	215	189	Monona	19	151	170	89	211	199
Cerro Gordo ..	21	112	...	...	300	29	212	Monroe	14	93	109	47	25	152
Cherokee	17	79	208	121	264	21	182	Montgomery	157	15	16	82	21	197
Chickasaw	9	17	14	41	218	189	139	Muscatine ..	147	100	111	100	231	231
Clarke	13	71	82	6	25	19	13	O'Brien	184	145	19	47	27	252
Clay	157	157	165	23	23	23	18	Jacksola ..	115	86	110	50	19	149
Clayton	227	227	215	5	31	23	31	Page	197	139	195	67	31	239
Clinton	297	175	37	55	464	407	337	Palo Alto ..	182	75	71	10	89	185
Crawford	221	137	130	27	345	26	24	Plymouth ..	23	89	94	8	24	30
Dallas	227	207	21	5	341	29	222	Pocahontas ..	176	71	71	8	25	269
Davis	12	35	33	44	207	154	11	Polk	49	127	96	94	75	60
Decatur	151	81	68	67	265	26	169	Pottawattmie	47	120	160	13	53	443
Delaware	17	81	84	59	142	197	7	Powerhuck ..	197	61	61	60	27	239
Des Moines	217	47	77	23	23	23	23	Ringgold ..	175	91	91	...	22	189
Dickinson	10	71	94	89	155	135	103	Sar	191	135	132	140	29	260
Dubuque	254	136	102	6	319	289	...	Scott	297	12	152	170	41	407
Emmet	107	109	341	74	187	146	10	Sheboygan ..	177	151	400	51	24	219
Fayette	257	67	71	85	362	292	257	St. Louis	237	81	80	9	34	311
Floyd	16	164	164	64	24	209	14	Story	216	172	197	40	16	299
Franklin	164	104	127	45	311	247	77	Tama	141	111	160	41	33	279
Fremont	111	81	81	50	276	240	17	Taylor	177	67	92	72	25	225
Greene	170	123	13	60	334	250	18	Union	166	175	150	74	209	167
Grundy	151	107	116	26	235	227	157	Van Buren ..	130	15	15	35	213	214
Guthrie	19	61	70	41	23	273	207	Washtenaw ..	217	8	89	90	108	309
Hamilton	155	84	84	...	317	230	187	Warren	188	101	140	37	232	237
Hancock	164	137	151	55	299	271	189	Washington ..	141	13	137	56	26	175
Hardin	207	107	211	65	308	237	214	Wayne	18	142	235	35	206	279
Harrison	217	60	61	59	399	257	...	Webster	261	10	116	78	266	269
Henry	4	68	61	50	30	224	...	Winnebago ..	117	106	161	61	133	17
Howard	12	11	25	20	247	193	132	Winnebago ..	187	81	91	8	233	285
Humboldt	14	132	164	50	217	197	187	Woodbury ..	220	64	78	41	358	317
Ia	18	103	201	...	166	137	157	Worth	11	169	185	60	167	141
Iowa	7	146	161	75	260	264	197	Wright	193	19	307	87	292	284
Jackson	204	81	37	61	247	236	207	Total	18,970	10,487	12,546	4,332	39,193	24,402
Jasper	257	115	115	...	469	312	237							
Jefferson	156	127	151	...	363	227	137							

REPORT OF COUNTY SUPERINTENDENTS.

71

ABSTRACT [D]—CONTINUED.

SUMMARY OF SUPERINTENDENT'S WORK, 1905.

No.	New schoolhouses.						Counties.	New schoolhouses.					
	Whole number.	Good.	Fair.	Poor.	Without suitable and separate outbuildings for each sex.	Schoolhouses provided with flags.		Whole number.	Good.	Fair.	Poor.	Without suitable and separate outbuildings for each sex.	Schoolhouses provided with flags.
1	130	73	56	10	8	78	Johnson	4	172	149	25	8	2
2	112	92	15	5	2	78	Jones	2	139	60	70	9	25
3	184	103	29	2	2	78	Keokuk	2	146	97	48	8	80
4	192	85	77	86	14	14	Kossuth	2	225	103	61	62	94
5	111	87	23	0	44	44	Lee	1	124	40	80	15	10
6	167	142	41	4	10	113	Linn	8	208	171	22	10	180
7	136	54	60	42	19	43	Louis	1	96	62	27	11	51
8	157	108	46	8	1	149	Lucas	2	99	87	26	8	42
9	112	92	14	8	1	68	Lyon	6	186	84	84	2	24
10	134	107	49	8	20	84	Madison	4	143	48	60	40	35
11	146	40	61	46	0	41	Mahaska	3	157	104	56	16	75
12	147	91	61	6	73	73	Marion	2	154	79	61	18	85
13	149	61	75	14	5	86	Marshall	2	152	76	46	30	50
14	146	88	82	32	5	54	Miller	2	92	20	72	2	14
15	153	77	58	10	15	25	Mitchell	2	107	54	21	30	54
16	145	112	29	4	15	25	Monona	3	152	136	20	6	60
17	142	94	64	4	1	1	Monroe	2	104	84	54	17	65
18	144	11	26	4	6	15	Montgomery	1	114	26	89	2	85
19	141	161	15	6	20	15	Muscatine	1	106	80	88	40	106
20	142	52	34	20	103	16	O'Brien	1	141	75	61	5	141
21	142	101	28	4	15	15	Oceola	1	64	43	50	2	75
22	180	145	16	8	25	40	Page	2	140	75	63	12	54
23	128	26	48	8	180	28	Palo Alto	2	133	14	22	7	100
24	130	163	15	2	10	28	Plymouth	2	162	114	64	2	24
25	134	114	25	15	64	64	Pocahontas	1	114	119	19	6	71
26	103	43	37	21	2	2	Polk	6	192	114	60	18	79
27	123	44	75	4	8	6	Pottawattomie	4	251	226	16	1	250
28	145	26	14	2	3	121	Poweshiek	2	143	116	23	7	66
29	99	78	14	8	1	1	Ringgold	1	135	55	65	18	12
30	74	64	60	35	16	63	Shelby	1	144	78	87	29	16
31	151	57	60	35	16	63	Scott	1	127	103	20	2	8
32	15	64	12	7	1	37	Shelby	1	106	100	35	10	140
33	19	87	96	8	2	12	Sioux	1	137	40	100	17	26
34	124	63	41	18	5	90	Story	2	152	74	46	32	98
35	144	122	12	10	43	43	Tama	2	183	103	61	20	90
36	139	103	18	5	25	25	Taylor	6	129	97	18	14	10
37	144	76	40	30	74	74	Union	2	122	64	57	1	62
38	136	12	34	25	105	105	Van Buren	1	115	80	74	4	53
39	148	86	34	25	105	105	Wapello	4	118	57	58	8	69
40	162	81	49	24	70	70	Warren	4	148	82	47	17	80
41	108	7	84	8	1	1	Washington	2	139	59	70	18	64
42	106	77	28	4	1	1	Wayne	6	140	101	18	1	64
43	112	13	90	1	1	1	Webster	4	190	126	54	10	85
44	107	41	60	6	1	1	Winnebago	1	144	48	86	10	30
45	143	70	48	20	2	29	Winnebago	1	150	98	48	7	10
46	146	62	85	8	147	147	Woodbury	1	215	84	122	10	106
47	192	113	64	15	81	81	Worth	1	97	72	18	1	80
48	101	88	60	0	9	50	Wright	3	141	80	108	1	130
Totals								46 13,954	8,098	4,592	1,203	97	8 899

ABSTRACT (E)-

TEACHERS'

Counties.	Where held.	Sessions.		Teachers in Attendance			
		Commencing	Contin'g weeks. Number daily.	Males	Females.	Total.	Graduates.
Adair	Greenfield	July	10	2	1	12	173
Adams	Corning	June	19	2	1	6	129
Allamakee	Wapkon	August	14	2	2	8	154
Appanoose	Centerville	August	14	2	2	24	17
Audubon	Audubon	July	11	2	2	18	119
Benton	Vinton	July	17	2	2	47	215
Blue Hawk	Waterloo	July	21	2	2	1	102
Boone	Boone	August	14	2	2	20	239
Bremer	Waverly	July	10	2	2	8	129
Buchanan	Independence	August	7	1	2	18	187
Buena Vista	Storm Lake	July	24	2	2	8	191
Butler	Shell Rock	July	24	2	2	27	153
Calhoun	Rockwell City	August	14	1	2	17	104
Carroll	Carroll	June	19	2	2	22	197
Case	Atlantic	June	19	2	1	9	174
Cedar	Tipton	June	13	2	2	11	14
Cerro Gordo	Mason City	August	14	1	2	23	204
Cherokee	Cherokee	June	19	2	2	12	145
Chickasaw	New Hampton	July	24	2	2	8	124
Clarke	Cresco	July	24	2	2	8	117
Clay	Spencer	July	17	2	2	10	126
Clayton	Elkader	July	17	2	2	22	204
Clinton	Clinton	August	21	1	2	17	213
Crawford	Geneseo	August	7	2	2	7	204
Dallas	Adel	July	21	2	2	45	204
Davis	Bloomfield	August	21	2	2	47	194
Decatur	Leon	July	11	2	2	24	116
Delaware	Manchester	August	7	2	2	7	150
Des Moines	Burlington	June	14	2	2	12	167
Dickinson	Spirit Lake	August	14	2	2	8	114
Dubuque	Dubuque	August	21	1	2	12	330
Emmet	Eatherville	August	21	1	2	8	112
Fayette	Fayette	July	8	2	2	9	211
Floyd	Charles City	June	17	4	2	8	129
Franklin	Hampton	July	17	2	2	14	166
Freemont	Sidney	August	14	2	2	12	147
Greene	Jefferson	June	17	1	2	1	167
Grundy	Grundy Center	June	16	1	2	14	122
Guthrie	Guthrie Center	August	7	1	2	29	152
Hamilton	Webster City	August	14	2	2	20	206
Hancock	Garner	August	14	2	2	20	120
Hardin	Edora	July	24	2	2	20	154
Harrison	Logan	July	21	2	2	4	184
Henry	Mount Pleasant	June	19	1	2	17	167
Howard	Cresco	March	27	2	2	16	160
Humboldt	Humboldt	July	10	2	1	2	63
Ida	Ida Grove	March	27	2	2	12	126
Iowa	Marengo	July	24	1	2	15	160
Jackson	Bellevue	July	11	2	2	6	143
Jasper	Newton	July	2	2	2	20	202

REPORT OF COUNTY SUPERINTENDENT.

73

REPORT FOR 1905.

NORMAL INSTITUTE.

Institute fund.

Receipts.					Total.	Expenditures.		
On hand at last report.	Examination fees.	Registration fees.	State Appropriations.	County appropriation and sundries.		Instruction and lectures.	Incidentals.	Unexpended.
47.2	530.00	185.00	50.00		604.20	485.50	23.50	110.20
172.45	240.00	135.00	50.00	23.40	619.85	431.00	23.77	100.11
222.00	245.00	163.00	50.00		749.00	540.07	18.78	232.15
154.50	348.00	212.00	50.00		762.50	571.50	77.00	114.00
53.16	278.00	182.50	50.00	4.00	515.10	468.00	23.28	48.85
218.60	417.00	263.00	50.00		1,047.50	541.30	218.00	168.20
254.45	290.00	208.00	50.00		837.45	658.85	91.10	87.41
7.00	461.00	278.00	50.00		799.00	626.00	61.00	96.00
	254.00	135.00	50.00		489.00	340.00	78.50	20.61
111.48	255.00	206.00	51.00		690.48	555.00	23.26	82.15
97.67	253.00	197.00	50.00		609.67	449.00	37.30	82.47
25.70	227.00	180.00	50.00	.80	594.00	560.00	8.00	28.00
230.05	321.00	186.00	50.00	1.00	768.05	489.00	100.10	178.95
1.90	323.00	209.00	50.00		585.90	578.00	44.50	7.40
253.50	349.00	135.00	50.00		787.50	620.00	45.00	60.50
416.98	263.00	158.00	50.00		887.98	560.00	20.00	296.98
4.97	340.00	277.00	50.00		661.97	578.00	30.25	213.67
291.60	297.00	197.00	50.00		685.60	585.00	20.25	550.35
14.93	244.00	158.00	50.00		476.93	416.00		84.93
95.62	245.00	134.00	51.00		524.62	391.00	35.00	106.82
109.90	275.00	138.00	50.00		571.90	446.80	64.50	66.60
600.88	186.00	228.00	60.00		1,274.88	780.00	181.50	313.38
231.82	502.00	281.00	53.00		1,218.82	684.85	161.42	567.55
122.25	291.00	211.00	50.00		774.25	561.25	104.35	108.65
17.68	279.00	251.00	50.00		697.68	614.85	63.00	23.83
9.06	219.00	156.00	50.00		483.06	363.25	17.75	52.04
	205.00	120.00	50.00		484.00	345.00	42.30	106.80
96.15	277.00	157.00	50.00		582.15	555.00	48.25	8.89
124.77	247.00	179.00	50.00		602.77	407.00	60.50	136.27
10.34	183.00	123.00	50.00		370.34	321.00	9.25	25.89
.80	251.00	218.00	53.00		714.80	539.00	124.75	51.05
10.75	201.00	130.00	50.00		380.75	290.00	73.70	17.05
63.04	294.00	230.00	50.00		787.04	645.13	66.70	45.21
177.40	245.00	189.00	50.00		611.40	510.00	50.00	71.40
127.07	244.00	147.00	50.00		708.07	515.00	52.89	140.27
90.21	201.00	150.00	50.00		510.21	365.25	18.00	296.95
125.10	278.00	172.00			711.10	389.00	70.80	251.30
.94	292.00	128.00	51.00		478.94	270.00	49.35	159.59
290.45	241.00	181.00	50.00	121.25	1,062.80	370.00	58.50	634.30
77.50	395.00	236.00	50.00		701.50	505.00	10.60	24.90
212.00	239.00	140.00	50.00		781.00	494.00	23.05	305.94
224.00	251.00	200.00	50.00		825.00	641.50	93.40	100.00
297.08	495.00	134.00	50.00	23.09	1,008.08	403.87	31.85	578.31
	242.00	154.00	50.00		576.00	519.78	56.25	
50.54	280.00	177.00	50.00	50.00	610.54	495.00	41.25	63.69
125.00	230.00	148.00	50.00		624.00	557.50	17.85	249.51
125.00	208.00	129.00	50.00		534.00	500.00		164.00
11.00	218.00	184.00	50.00		561.00	518.00	23.90	25.10
25.25	274.00	154.00	50.00		518.25	340.50	60.00	67.75
3.45	204.00	207.00	50.00		591.45	590.00	118.05	143.00

ABSTRACT (E)--

TEACHERS'

Counties.	Where held.	Sessions.			Teachers in attendance.			
		Commencing.	Count's weeks.	Number daily.	Males.	Females.	Total.	Graduates.
Jefferson.....	Fairfield.....	June 14	1	2	12	148	155	..
Johnson.....	Iowa City.....	July 17	2	2	7	196	202	..
Jones.....	Wyoming.....	July 24	1	1	11	161	172	..
Keokuk.....	Sigourney.....	Aug. 14	1	2	20	218	249	0
Kossuth.....	Algona.....	June 19	2	1	21	196	217	..
Lee.....	Ft. Madison.....	Aug. 14	1 1/2	2	18	163	178	..
Linn.....	Marion.....	Aug. 7	1	2	42	323	434	..
Louis.....	Wapello.....	June 14	2	2	27	109	136	..
Lucas.....	Chariton.....	June 26	1	2	16	118	132	..
Lyon.....	Rock Rapids.....	July 8	2	2	16	121	139	..
Madison.....	Winterset.....	July 3	1	2	14	165	199	..
Mahaska.....	Oskaloosa.....	July 24	2	2	25	234	259	..
Marion.....	Knockville.....	July 10	3	2	19	161	184	11
Marshall.....	Marshalltown.....	Aug. 7	2	2	14	182	199	..
Mills.....	Malvern.....	June 26	2	2	12	187	199	..
Mitchell.....	Orange.....	July 17	4	2	6	124	129	..
Monona.....	Onawa.....	Aug. 14	1	2	9	171	180	..
Monroe.....	Albia.....	July 8	2	2	11	119	130	..
Montgomery.....	Red Oak.....	June 24	1	1	7	126	139	..
Muscatine.....	Muscatine.....	June 14	2	2	71	177	187	..
O'Brien.....	Primghar.....	Aug. 7	2	2	19	166	185	22
Osceola.....	Sibley.....	April 1	1	2	10	114	129	..
Page.....	Clarinda.....	July 31	2	2	12	177	189	..
Palo Alto.....	Emmetsburg.....	Aug. 21	2	2	17	174	199	..
Plymouth.....	Le Mars.....	June 19	2	2	6	162	171	..
Pocahontas.....	Pocahontas.....	Aug. 17	2	2	4	125	134	..
Polk.....	Des Moines.....	Feb. 22	1 1/2	1	31	304	339	..
Pottawattamie.....	Council Bluffs.....	July 31	1	2	9	201	211	..
Poweshiek.....	Grinnell.....	June 12	1	2	20	166	176	..
Ringgold.....	Mt. Ayr.....	April 3	1	2	20	166	176	..
Sac.....	Sac City.....	Aug. 7	2	1	11	202	213	..
Scott.....	Sac City.....	June 19	2	2	6	162	171	..
Shelby.....	Davenport.....	March 23	1	2	47	303	350	..
Sioux.....	Harlan.....	Aug. 7	1	2	57	101	157	..
Story.....	Hawarden.....	July 1	2	2	15	147	162	..
Tama.....	Nevada.....	July 10	2	2	..	..	..	..
Taylor.....	Toledo.....	March 27	2	2	25	235	258	..
Union.....	Bedford.....	June 19	2	1	16	137	149	..
Van Buren.....	Oreston.....	Aug. 7	1	2	12	166	178	..
Wapello.....	Kossauqua.....	July 31	2	2	29	181	190	..
Warren.....	Ottumwa.....	June 19	2	2	9	217	226	..
Washington.....	Indianola.....	March 20	1	2	23	177	201	..
Wayne.....	Washington.....	June 12	2	2	27	195	222	..
Webster.....	Corydon.....	June 12	1	2	40	164	206	..
Winneshiek.....	Ft. Dodge.....	April 8	1	2	15	222	237	..
Woodbury.....	Forest City.....	Aug. 2	2	2	7	102	110	..
Worth.....	Decorah.....	March 27	2	2	36	20	24	..
Wright.....	Sioux City.....	July 15	2	2	16	215	231	..
	Northwood.....	July 31	2	2	10	8	8	..
	Clarion.....	Aug. 14	2	2	16	17	18	..
Totals.....			1.8	2	1,713	17,307	18,924	22.2

*Average.

FIS FOR 1905—CONTINUED.

INSTITUTES.

Institute fund.							
Receipts.				Total.	Expenditures.		
Examination fees.	Registration fees.	State appropriation.	County appropriation and sundries.		Instruction and lectures.	Incidental.	Unexpended.
279.01	\$ 155.00	\$ 50.00		\$ 684.01	\$ 340.65	\$ 28.01	\$ 295.89
415.01	308.01	50.00	\$ 51.11	724.12	550.00	81.11	152.01
502.00	172.00	50.00		724.00	444.75	95.00	184.25
411.01	249.00	50.00		710.01	710.01		
538.01	217.00	50.00		1,005.01	597.78	70.01	247.22
278.00	178.00	50.00		706.00	435.00	79.00	292.00
543.01	421.00	50.00		1,014.01	1,055.10	123.20	725.71
191.00	185.00	50.00		426.00	218.00	106.15	
262.01	183.01	50.00		595.02	291.50	30.01	273.51
257.00	182.01	50.00		491.01	225.01	12.01	254.00
226.00	129.01	50.00		705.01	280.00	25.01	400.00
489.00	259.00	50.00		898.00	675.01	151.01	72.98
324.01	180.00	50.00		674.01	451.00	120.00	103.01
278.00	198.01	50.00		1,126.01	678.00	53.55	394.50
263.00	149.00	50.00	\$ 28.00	507.00	354.70	64.81	87.49
214.00	128.01	50.00	119.91	661.92	499.45	27.01	135.46
244.00	180.00	50.00		874.00	434.00	89.01	350.99
269.00	190.01	50.00		459.01	450.00	4.01	5.00
262.00	182.01	50.00		514.01	274.00	84.01	156.00
268.00	187.01	50.00		505.01	445.00	47.01	113.00
309.00	188.00	50.00		617.00	498.80	98.85	119.15
207.00	126.01	50.00	40.01	463.02	255.00	52.51	155.51
225.00	189.00	50.00		704.00	475.00	170.80	59.20
236.00	191.01	50.00		597.01	530.00		67.01
242.00	171.01	50.00		773.01	406.00	137.01	230.00
215.00	129.01	50.00		494.01	489.00	50.00	4.01
296.00	239.01	50.00		1,685.01	823.75	541.17	320.09
253.01	210.01	50.00		1,893.02	878.80	219.90	804.32
212.00	178.01	50.00	\$ 24.14	564.15	408.00	59.01	97.14
259.00	213.01	50.00		522.01	552.70	23.04	16.27
226.00	171.00	50.00		677.00	547.25	85.71	84.04
410.00	250.01	50.00		1,410.01	482.15	123.50	804.36
218.00	157.00	50.00		625.00	454.02	47.20	123.78
401.00	162.01	50.00	\$ 28.40	771.41	587.00	56.03	128.38
234.00	174.01	50.00		748.01	405.01	151.85	191.15
299.00	258.00	50.00		807.00	470.00	116.45	220.55
292.00	148.00	50.00		690.00	540.00		150.00
247.00	178.00	50.00		1,075.00	867.00	85.00	123.00
234.00	150.00	50.00	1.00	635.00	378.00	34.00	223.00
289.00	224.00	50.00		943.00	545.00	98.50	299.50
233.00	261.00	50.00		744.00	541.50	97.25	105.25
290.00	222.00	50.00		952.00	598.00	86.50	267.50
222.00	206.00	50.00		678.00	432.04	40.01	205.95
414.00	261.00	50.00	\$ 2.25	1,107.25	562.85	113.35	431.05
227.00	110.01	50.00		487.01	285.00	17.00	185.01
250.00	242.00	50.00		842.00	558.00	107.00	177.00
206.00	239.00	50.00		895.00	649.00	91.90	154.10
192.00	92.00	50.00		434.00	267.00	10.00	157.00
228.00	187.00	50.00		565.00	512.00	53.00	50.00
22,761.00	\$ 19,075.00	\$ 4,050.00	\$ 540.00	\$ 72,214.00	\$ 49,110.97	\$ 6,685.20	\$ 16,417.83

TEACHERS NORMAL INSTITUTE ABSTRACT [E]—CONTINU

Counties.	Conductors.	Instructors.
Adair.....	Ellis C. Chantry....	L. N. Gerber, Adam Pickett, W. B. Andrews, I. McGuire, D. B. Earle, E. B. Thomas.
Adams.....	A. B. Lewis.....	J. L. Mishler, A. M. M. Dornon, J. A. Griffith, W. Fowler, F. J. Realer, Jas. F. Bryan.
Allamakee....	J. E. Mills.....	S. Y. Gillan, H. A. Dwelle, F. H. Bloodgood, E. Wilson, Arthur Wilson.
Appanoose....	W. M. Speers.....	Wm Solomon, F. E. King, P. B. Woods, G. Bryan, Libbie Dean, E. N. Gibson, A. N. Pat, Frederick E. Bolton.
Audubon.....	Arthur Parquhar....	T. E. Palmer, D. P. Repass, F. J. Mantz, F. A. N. E. M. Stearns, Lura Benson.
Benton.....	O. B. Lowe.....	George A. Luxford, Anna E. Odland, Blanche Go, Mrs. O. J. Laylander, Geo. H. Betts, J. E. St.
Black Hawk..	Chas. Elliott.....	A. N. Clifford, Wm. Radabaugh, L. H. Mies, Sarah A. Sprague, Abbie A. Hunter, Ker Stein, Malte Mishler.
Boone.....	R. B. Cobb.....	J. C. King, I. C. Welty, M. N. Boddall, E. E. E. ley, Clara E. Thompson, E. L. Osburn, Moberg.
Bremner.....	John T. Remick....	W. F. Cramer, Thos. J. Durant, W. F. David, Alice Cary Wilson.
Buchanan....	M. J. Goodrich....	Edwin Dukes, Agnes M. Patterson, Ida B. Human, Mildred I. Goodrich, Emilie Seltzer, B. Patterson, R. B. Hauser, Ruby L. Peck.
Buena Vista..	A. V. Storm.....	W. J. Bell, A. C. Faller, Agnes M. Hannum.
Butler.....	Ida F. Leydig.....	C. A. Fullerton, W. H. Bender, C. P. Colgr, Maud Summers, Charlotte King, J. F. Overm, G. H. Betts.
Calhoun.....	W. R. Sandy.....	Preston W. Search, Avis Wescott, G. W. Yo, Theodore Saam, A. B. Alderman, L. C. Br David Patten.
Carroll.....	W. J. Barloon.....	R. C. Barrett, F. L. Hoffman, O. J. Johnson, C. Schell, E. L. Coburn, Julia Scurry.
Cass.....	Bertha A. Johnson..	W. E. Salisbury, O. J. McManus, D. C. Neffert, J. Ostell, Ralph B. Cobb, Anna O. Temple, Sheneman.
Cedar.....	Geo. H. Kellogg....	E. L. Coburn, Jessie E. Hall, Elizabeth Bain, E. Mett, C. R. Arner, Paul S. Tiler.
Cerro Gordo..	P. O. Cole.....	Wilbur H. Bender, H. H. Holmes, Wm. V. Po, Sarah E. Sprague, E. Blanche Renne, Mar Long.
Cherokee.....	A. V. Storm.....	Ruth Adelt, J. R. Bayley, J. H. Beveridge, Ch E Bledgett, John E. Cameron.
Chickasaw....	F. J. Conley.....	O. L. Woodfield, E. C. Hill, F. A. Scheutz, J. Wormley, Julia Scurry.
Clarke.....	W. C. Davis.....	J. R. McCumb, G. E. Wright, Mrs. I. F. W. Katherine M. Davis.
Clay.....	H. F. Fillmore....	C. J. Boyington, A. P. Heald, A. H. Avery, J. Riley, E. G. Clark, Thos. H. McBride.
Clayton.....	O. J. Adam.....	Robert R. Juow, C. F. Pys, J. N. Dahm, H. L. Ad, G. E. Flach, Lillian Bridgeford.
Clinton.....	George E. Farrell..	Frank H. Hall, Preston W. Search, Wm. I. Cr, Abigail Lynch, Alice Rogers, Eleanor Flanagan.
Crawford....	F. L. Hoffman.....	W. C. VanNess, J. H. Beveridge, W. J. Earl, Bertha Cadwell, John E. Cameron, W. B. Mito, A. N. Palmer.
Dallas.....	B. F. Wood.....	W. B. Thornburgh, W. H. Gemmill, E. J. Poll, W. M. Tarr, Emily Wagner, J. W. Graham, F. Barrows, Oscar Bogue.
Davis.....	W. F. Barr.....	Wilbur York, C. N. Spicer, Charlotte Sweney, O. Davis.
Decatur.....	Ed Hutchinson....	J. M. Pierce, F. P. Reed, A. L. Lyon, Mabel Hes, J. M. Howell.
Delaware.....	Frank D. Joseph....	Geo. H. Betts, C. B. Scroggie, W. B. Guthrie, Vance, Amy Boggs, Blanch Gandy.
Des Moines..	Howard A. Mathews..	R. B. Crois, F. M. Faltz, Maurice Ricker, Josey, B. Birt, W. L. Shutz, O. Emma Foster.
Dickinson....	N. F. Davidson....	W. B. Wilson, R. S. Whitley, C. J. Boyington, R. Hassel, Mary Riley.
Dubuque.....	P. J. Schroeder....	Henry Housek, Frances Wright, Alice Hopper, W. Guthrie, T. M. Irish, F. T. Oldt, J. N. Wi, L. L. Lightcap.
Emmet.....	A. V. Storm.....	W. H. Bender, J. C. Mishler, A. P. Hargrave, K. Davis, W. V. Howard.
Fayette.....	H. L. Adams.....	Jolly Twitchell, J. E. Stout, Margaret McCaule, E. Moore, A. E. Bennett.

TEACHERS NORMAL INSTITUTE—ABSTRACT [E] CONTINUED.

Counties.	Conductors.	Instructors.
Floyd.....	Frederick Mahanb..	C. A. Kent, W. F. Fink, W. G. Raab, E. F. Fisher, S. K. Fitz, E. O. Hill, L. Viola Waller, Bertha Cadwell
Franklin.....	S. E. Campbell.....	A. T. Hukill, O. W. Maxwell, F. H. Bloodgood, Paul F. Voelker, J. E. Cameron, Sarah E. Sprague.
Franklin.....	Mattie Lee A. Lair	C. S. Cobb, Walter S. Athearn, Alice E. Hopper, Rilla Shoemaker, R. D. Dougherty, Nellie Fisher.
Franklin.....	A. J. Oblinger....	T. H. Amie, Ruby Baughman, J. T. Bradshaw, Belle Eagleson, Nettie Troy, F. E. Palmer, H. A. Glackemeyer.
Grady.....	J. D. Adams.....	C. L. Love, A. E. Parsons, Hattie Moore Mitchell, P. E. McClenahan, C. E. Fleming.
Guthrie.....	M. P. Kenworthy..	F. E. Palmer, E. E. Halsey, C. McCracken, C. V. Williams, C. W. Harlan, Miss Mary Hughes.
Hamilton.....	L. N. Gerber.....	Adam Pickett, J. C. Hagler, Elizabeth Bain, Eva J. Kepbarr, Elizabeth Wilson, J. M. Holaday, Ella Chantry.
Hancock.....	A. M. Deyoe.....	Hattie Moore-Mitchell, L. H. Pammel, W. J. Jerome, S. W. Hoadley, J. R. Bagge, Carl Williams, May G. Long, Jesenia I. Graham
Harris.....	Mrs. Ella B. Chasell	A. O. Newell, F. C. Eastman, Anna E. McGovern, Delta Bishop, H. E. Blackmar, A. F. Styles, Milo Hunt, Kate Boylan
Harrison.....	D. E. Brainard....	M. A. Reed, Bertha Caldwell, Chas. E. Blodgett, J. H. Beveridge, I. W. Howerth.
Henry.....	David Williams..	Jesse Benjamin, C. W. Grunkbank, P. O. Hayden, Amanda Kidder, Elizabeth Lean, H. H. Packer, Stella Long.
Howard.....	Helen Chapin.....	G. A. Oliver, L. E. A. Ling, A. E. Parsons, D. L. Grannick, Mrs. O. J. Laylander, Blanche Goudy, J. R. Bowman, F. A. Welch, A. R. McCook, Ella Treat.
Humboldt...	Clarence Messer..	E. G. Cooley, E. A. Brown, E. L. Coburn, Mrs. Hattie Moore Mitchell, C. A. Cory.
Ida.....	J. O. Hagler.....	L. N. Gerber, W. S. Athearn, W. F. Barr, Mand Summers, Paul F. Voelker, Ed. F. Geiger.
Iowa.....	H. T. Ports.....	Preston W. Search, Hattie Moore-Mitchell, S. T. May, R. B. Crone, Bruce Francis, Jennie Mac Gregor, K. B. Stein
Jackson.....	C. R. Scroggie.....	B. B. Aquist, Alice K. Boyard, Bessie Banghart, Corolla Collins, Mary G. Hancock, C. O. Dudley.
Jasper.....	J. E. Roberts.....	Preston W. Search, E. J. H. Beard, E. B. Gifford, W. H. Reider, Florabel Patterson, Mrs. F. M. Rodgers.
Jefferson....	Anna White.....	S. A. Power, C. D. McClain, A. N. Palmer, Martha Emry, Mrs. Hattie Moore Mitchell
Jehonson.....	L. H. Langenburg..	W. A. Willis, F. L. Mahanab, W. C. Wilcox, F. E. Bolton, R. W. Rice, B. Shinnick, A. G. Smith, Alice Cavies, Laura Graham
Jones.....	Clifford B. Paul...	John E. Cameron, C. F. Garrett, F. D. Joseph, C. Mae Dunlap, Ira W. Howerth, C. E. Buckley, Mrs. C. B. Shaffer
Kekuk.....	Cap. E. Miller.....	J. H. Morgan, T. B. Cleverger, Chas. Yeager, Betta Mercer, Nira Lambkin, Manning Jaynes, Geo. W. Hussey, Hattie Moore-Mitchell, A. E. Winship, C. S. Hammock
Kearuth.....	O. H. Belknapp....	H. L. Adams, C. E. Sweney, Helen Wood, Grace River, A. N. Palmer, Josephine Burling.
Lee.....	E. C. Lynn.....	G. W. Walters, W. L. Barrett, P. C. Hayden, B. L. Reid, Alice O. Wilson, Alice Immegart, Preston W. Search
Lea.....	J. E. Vance.....	G. E. Finch, J. R. Bayley, Alice Hopper, E. E. Watson, R. B. Lewis, C. B. Paul, M. V. O'Shea.
Lewis.....	Charles R. Wallace	C. R. Scroggie, L. Hill, J. A. McCulloch, Mary Hughes, Florence Kitz.
Lewis.....	Laura Fitch.....	W. N. Clifford, N. E. Palmer, S. W. Rowley, Inez Kelo, Della Courtelyou.
Lyon.....	A. W. Grinnell....	W. S. Wilson, S. T. May, O. Jay Boyington, Hilda G. Lundeen, Avis Wescott.

TEACHERS NORMAL INSTITUTE—ABSTRACT [E]—CONT

Counties.	Conductors.	Instructors.
Madison	T. H. Stone.....	Adam Pickett, O. E. Smith, W. L. Porter, L. Salisbury, Alice Wilson.
Mahaska	J. P. Dodds	Mrs. A. P. Tucker, Dr. Wm. A. Radebaugh, Arey, L. O. Rusmiser, A. H. Bigelow, Hadley, J. M. Stoke, L. F. Bennett, Latum.
Marion.....	W. H. Lucas.....	George S. Dick, W. O. Farmer, S. G. B. William Solomon, A. N. Palmer.
Marshall	Mary E. Hostetler	Harriet Garton, Wm. Radebaugh, Mrs. A. White, Wm. I. Crane,
Mills	W. M. Moore	O. P. Stewart, J. L. Conger, L. Barker, J. R. Mabel Smith, F. O. Ensign.
Mitchell	J. A. Lapham.....	Geo. H. Sawyer, Sarah E. Sprague, Emma C. ton, M. B. Olegard, Kathryne Gray, Lobin, A. Fullerton, G. Weaver, M. C. N. Palmer.
Monona	F. E. Lark.....	Ira W. Howerth, Maude Summers, R. C. B. R. Bayley.
Monroe	R. B. Spencer.....	H. C. Hollingsworth, G. W. Walters, Wm. S. W. F. Chevalier, Maisy Schreiner, M. Porter.
Montgomery..	Mabel G. Hanna..	Geo. S. Dick, S. E. Thomas, E. B. Wick, Stella Woodford, Nellie Barton.
Muscatine	L. G. Focht	B. W. Leverich, Emma Luse, Linnie Harris, Babbitt, Fred E. Bolton, Lillian Bridgefo
O'Brien	Nellie Jones.....	W. H. Beader, W. N. Clifford, O. M. Elliott, Bantley, Miss Emma C. Moulton, Mrs. E. Miller.
Osceola	J. P. McKinley....	W. N. Clifford, L. B. Parsons, Ira W. H. Blanch Gowdy, S. H. Bantley.
Page	Geo. H. Colbert....	J. E. Cameron, F. M. Fultz, Lura Phillips, Salisbury, H. E. Wheeler.
Palo Alto	Anna E. Odland....	H. A. Welty, E. O. Meredith, K. B. Stein, Lowe, A. H. Avery, Lillian Patton, Gowdy.
Plymouth....	I. C. Hise	D. M. Kelley, L. H. Wright, I. J. McDuffie, Snidow
Pocahontas...	U. S. Vance	F. L. Cassidy, J. J. Rae, W. A. Farr, & Hughes, A. N. Palmer.
Polk	Z. T. Thornburg..	Adda Blakeslee, M. L. Bartlett, W. F. Barr, Hiddell, O. H. Longwell, W. N. Clifford, Lyon, Alice Hopper.
Pottawat'mie.	O. J. McManus....	E. B. Andrews, A. R. Crook, F. O. Eastman, Loe, I. W. Howerth, S. L. Thomas, M. ier, H. E. Colby, F. O. Ensign, W. M. C. M, O. Porterfield, N. Grumps, B. B. Roge
Poweshiek....	P. A. McMillan	D. A. Thornburg, E. Healy, Evangeline I. son, Grace Farrell, Wm. Solomon, O. B. lass, A. E. Winship, J. Cameron.
Ringgold.....	Lora L. Richardson	W. F. Barr, J. W. Wilkerson, W. L. Barret Miles, J. D. Cherryholms, Eva Kendall, Munstinger.
Sac	A. T. Hukill.....	O. F. Garrett, Elizabeth Platt, Eugenia E. John R. Slacks, G. W. Lee.
Scott	J. H. Jacobs	Ernst Otto, W. W. Stetson, W. O. Wilcox Angell.
Shelby.....	G. A. Luxford....	W. C. Wilcox, Maude Summers, C. B. Lowe, Herr, J. H. Seymour, Allen Peterson.
Sioux	A. V. Storm	S. T. May, Hattie Moore, Mitchell, S. W. E. P. Crocker, R. M. Lampman.
Story	I. O. Welty	H. A. Welty, Mrs. L. B. Carlisle, A. B. Al. Mrs. Mae Anderson, R. B. Cobb.
Tama	O. E. Brown.....	Hattie Moore, Mitchell, E. J. Heenshel, A. sons, E. O. Fisk, John E. Cameron, McMurray.
Taylor	H. S. Ash	Frank E. Howard, E. E. Kuhn, F. O. Belzer M. Himes, E. R. Sanford, J. R. Dunha Ash, L. C. Rusmiser.
Union.....	Frank M. Abbott..	Ira W. Howerth, Hattie M. Mitchell, O. E. Lulu L. Spurgeon, O. E. Klingaman.

TEACHERS NORMAL INSTITUTE—ABSTRACT [E]—CONTINUED.

Counties.	Conductors.	Instructors.
Van Buren....	A. L. Heminger ...	David Williams, Arthur T. B. Owen, Anna L. Wertz Frank Jarvis
Wapello	Emma S. Nye.....	Alice Inskeer, H. H. Barrows, W. F. Chevalier, Paul F. Voiker, Elizabeth Burgess, W. N. Olifford, Celia M. Hand.
Warren	J. W. Radebaugh..	O. E. Smith, Faye Nixon, Lillie M. Britton, Nanna Thomas, Arnold Thompson, O. P. Colgrove, Ella Supples, O. B. Sheldon.
Washington ..	Cora E. Porter....	R. B. Crone, W. O. Ridded, Ella Brown, Fred L. Whitney, R. D. Dougherty, Hattie Moore-Mitch- ell, Myrtle E. Le Compte, A. N. Palmer.
Wayne.....	L. Maude Elmore..	W. N. Clifford, Laura Bowman, Emma O. Moulton, W. L. Pugh, J. B. Bayley, Ruth A. Adair.
Webster	A. L. Brown.....	J. M. Greenwood, E. W. Kemp, R. O. Barrett, Ger- trude Whiting, Maude Summers.
Winnebago ..	L. O. Brown.....	R. O. Barrett, H. O. Bateman, A. P. Heald, W. H. Whitford, Florence Knox, Jennie MacGregor.
Winnebago ..	M. J. Hook.....	H. A. Dwell, G. B. Finch, Ella Treant, Julia Brook- earidge, Mrs. Gadrup Thompson, H. O. Johnson, O. A. Russell.
Woodbury....	E. A. Brown.....	Mrs. Ida Reynolds, E. G. Thomas, R. M. Van Horne, Joyce Watson, J. G. Hebson, Helen I. Loveland, F. M. McDowell, John L. Griffith.
Worth	O. B. Gundersen ..	H. A. Dwell, O. P. Colgrove, Jennie Hallengby, Grace Whitcomb, A. N. Palmer.
Wright.....	Angus Mac Donald	J. G. Grundy, E. W. Fellows, Elizabeth Bain, Lena Phillips, Jennie Wolcott, Stella MacDonald, John B. Cameron

REPORT OF COUNTY SUPERINTENDENTS.

STATISTICS OF CITY SCHOOLS.

CITIES HAVING A POPULATION OF 3000 OR MORE BY THE CENSUS OF 1905.
REPORTED BY CITY SUPERINTENDENTS.

Name of school.	Name of super- intendent.	Population 1905	Salary of superintendents.	Number months school.	Number of years in course.	Enrollment 1905	1904-1905.		Attendance upon enu- meration	Attendance upon en- rollment.	Enrollment high school.		No graduates in 1905		Tuition and tuition pupils				Number teachers employed and average salary, not including superintendent or principal.			
							Average attendance of entire school				Males.	Females.	Boys.	Girls.	Below 9th grade.		9th grade and above.		Males.	Salary per mo.	Females.	Salary per mo.
							1904-1905.	1904-1905.							Boys.	Girls.	Amount received.	Boys.					Girls.	Amount received.
Albia.....	H. O. Hollingsworth	8,957	\$1,400	9	12	1,198	918	742.65	918	95	83	18	11	14	154	2941.047.18	24	42.75	20	44.80	
Algona.....	J. F. Overmeyer...	8,017	1,200	9	12	1,081	710	743.53	91	100	65	17	4	3	4	120.00	8	57.50	24	49.57		
Ames.....	O. R. Horrogle....	8,292	1,600	9	13	1,001	918	710.71	78	100	107	14	11	10	11	100.00	81	155.80	24	44.00		
Atlantic.....	Charles M. Cole....	5,180	1,600	9	13	1,393	1,079	87.65	91	61	107	6	9	4	2	100.00	8	.....	27	51.59	
Belle Plaine.....	W. J. O'Connell....	3,922	1,250	9	12	975	741	655.08	69	60	65	6	2	2	2	45.00	12	.....	27	48.00	
Boone.....	J. O. King.....	9,530	2,000	9	12	2,001	9,126	1,747.85	82	180	177	13	20	15	20	540.19	9	91.11	54	53.60		
Burlington.....	F. M. Fultz.....	23,319	1,800	9	12	7,618	4,264	2,434.47	58	144	252	9	28	10	9	141.73	10	112.41	102	56.09		
Capital Park.....	W. A. Braudenburg	4,233	1,200	9	12	1,081	835	431.62	76	67	45	6	3	4	2	50.00	5	101.66	24	42.54		
Carroll.....	W. P. Johnson....	5,828	1,700	9	12	1,242	845	331.27	52	60	65	9	14	5	5	51.00	5	.....	19	51.00	
Cedar Falls.....	O. M. Kelly.....	28,759	3,000	9	12	1,899	934	855.82	91	74	110	10	16	5	5	85.50	5	.....	28	51.35	
Cedar Rapids.....	J. J. McConnell....	5,947	1,400	9	12	1,156	742	1,318.51	80	340	276	29	44	5	58.00	105	32.69	
Centerville.....	R. N. Gibson.....	4,045	1,350	9	12	1,156	1,014	772.61	76	95	150	11	23	9	11	970.61	19	60.85	21	45.87		
Chariton.....	J. B. Morris.....	4,546	1,600	9	12	1,361	1,014	772.61	76	57	104	4	6	2	5	43.64	5	.....	34	45.40	
Charles City.....	Charles A. Kent....	8,945	1,800	9	12	1,361	1,014	772.61	76	60	112	9	31	9	17	216.76	5	63.13	26	47.90		
Cherokee.....	A. V. Storm.....	29,755	2,250	9	13	1,074	1,003	799.74	80	70	108	10	23	10	3	161.35	16	60.00	21	51.15		
Clinton.....	O. P. Bestwick.....	4,020	1,250	9	12	6,045	3,84	2,610.44	47	61	302	17	20	2	1	81.28	7	52.17	10	47.05		
Clarinda.....	W. E. Salzbury....	24,231	2,400	9	12	1,047	1,380	780.74	77	42	89	25	30	6	7	61.55	3	80.00	21	45.95		
Council Bluffs.....	W. N. Clifford....	8,832	1,500	9	12	7,149	4,253	4,306.59	95	210	284	25	39	2	3	53.55	5	131.44	140	57.97		
Oreston.....	O. E. French.....	89,797	2,400	10	18	8,813	1,493	1,493.50	98	108	170	10	14	5	5	119.57	21	52.70	38	51.49		
Ravenport.....	J. B. Young.....	3,954	1,500	9	12	1,165	772	599.50	76	253	344	28	31	3	24	702.98	14	115.00	109	55.05		
Decorah.....	H. H. Johnson....	3,178	1,400	9	12	1,165	772	599.50	76	97	45	6	7	0	5	31.00	0	80.00	20	49.00		
Denison.....	H. H. Savage.....	4,100	1,500	9	12	1,165	772	599.50	76	61	59	6	10	2	82.50	13	49.47	
Des Moines E.....	B. J. Hartung.....	4,100	1,500	9	12	1,165	772	599.50	76	280	294	24	40	3	3	67.40	34	75.54	114	51.24		
Des Moines W.....	W. O. Riddell....	4,100	1,500	9	12	1,165	772	599.50	76	280	294	24	40	3	3	67.40	34	75.54	114	51.24		
Dubuque.....	R. T. O'Leary....	41,841	2,500	10	18	13,138	4,438	3,661.87	80	321	301	194	100	335.00	14	141.00	24	71.00	

of W. E. King after January 1, 1906.

at W. B. King after January 1, 1906.

City or Town	Name	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130	2140	2150	2160	2170	2180	2190	2200	2210	2220	2230	2240	2250	2260	2270	2280	2290	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550	2560	2570	2580	2590	2600	2610	2620	2630	2640	2650	2660	2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800	2810	2820	2830	2840	2850	2860	2870	2880	2890	2900	2910	2920	2930	2940	2950	2960	2970	2980	2990	3000	3010	3020	3030	3040	3050	3060	3070	3080	3090	3100	3110	3120	3130	3140	3150	3160	3170	3180	3190	3200	3210	3220	3230	3240	3250	3260	3270	3280	3290	3300	3310	3320	3330	3340	3350	3360	3370	3380	3390	3400	3410	3420	3430	3440	3450	3460	3470	3480	3490	3500	3510	3520	3530	3540	3550	3560	3570	3580	3590	3600	3610	3620	3630	3640	3650	3660	3670	3680	3690	3700	3710	3720	3730	3740	3750	3760	3770	3780	3790	3800	3810	3820	3830	3840	3850	3860	3870	3880	3890	3900	3910	3920	3930	3940	3950	3960	3970	3980	3990	4000	4010	4020	4030	4040	4050	4060	4070	4080	4090	4100	4110	4120	4130	4140	4150	4160	4170	4180	4190	4200	4210	4220	4230	4240	4250	4260	4270	4280	4290	4300	4310	4320	4330	4340	4350	4360	4370	4380	4390	4400	4410	4420	4430	4440	4450	4460	4470	4480	4490	4500	4510	4520	4530	4540	4550	4560	4570	4580	4590	4600	4610	4620	4630	4640	4650	4660	4670	4680	4690	4700	4710	4720	4730	4740	4750	4760	4770	4780	4790	4800	4810	4820	4830	4840	4850	4860	4870	4880	4890	4900	4910	4920	4930	4940	4950	4960	4970	4980	4990	5000	5010	5020	5030	5040	5050	5060	5070	5080	5090	5100	5110	5120	5130	5140	5150	5160	5170	5180	5190	5200	5210	5220	5230	5240	5250	5260	5270	5280	5290	5300	5310	5320	5330	5340	5350	5360	5370	5380	5390	5400	5410	5420	5430	5440	5450	5460	5470	5480	5490	5500	5510	5520	5530	5540	5550	5560	5570	5580	5590	5600	5610	5620	5630	5640	5650	5660	5670	5680	5690	5700	5710	5720	5730	5740	5750	5760	5770	5780	5790	5800	5810	5820	5830	5840	5850	5860	5870	5880	5890	5900	5910	5920	5930	5940	5950	5960	5970	5980	5990	6000	6010	6020	6030	6040	6050	6060	6070	6080	6090	6100	6110	6120	6130	6140	6150	6160	6170	6180	6190	6200	6210	6220	6230	6240	6250	6260	6270	6280	6290	6300	6310	6320	6330	6340	6350	6360	6370	6380	6390	6400	6410	6420	6430	6440	6450	6460	6470	6480	6490	6500	6510	6520	6530	6540	6550	6560	6570	6580	6590	6600	6610	6620	6630	6640	6650	6660	6670	6680	6690	6700	6710	6720	6730	6740	6750	6760	6770	6780	6790	6800	6810	6820	6830	6840	6850	6860	6870	6880	6890	6900	6910	6920	6930	6940	6950	6960	6970	6980	6990	7000	7010	7020	7030	7040	7050	7060	7070	7080	7090	7100	7110	7120	7130	7140	7150	7160	7170	7180	7190	7200	7210	7220	7230	7240	7250	7260	7270	7280	7290	7300	7310	7320	7330	7340	7350	7360	7370	7380	7390	7400	7410	7420	7430	7440	7450	7460	7470	7480	7490	7500	7510	7520	7530	7540	7550	7560	7570	7580	7590	7600	7610	7620	7630	7640	7650	7660	7670	7680	7690	7700	7710	7720	7730	7740	7750	7760	7770	7780	7790	7800	7810	7820	7830	7840	7850	7860	7870	7880	7890	7900	7910	7920	7930	7940	7950	7960	7970	7980	7990	8000	8010	8020	8030	8040	8050	8060	8070	8080	8090	8100	8110	8120	8130	8140	8150	8160	8170	8180	8190	8200	8210	8220	8230	8240	8250	8260	8270	8280	8290	8300	8310	8320	8330	8340	8350	8360	8370	8380	8390	8400	8410	8420	8430	8440	8450	8460	8470	8480	8490	8500	8510	8520	8530	8540	8550	8560	8570	8580	8590	8600	8610	8620	8630	8640	8650	8660	8670	8680	8690	8700	8710	8720	8730	8740	8750	8760	8770	8780	8790	8800	8810	8820	8830	8840	8850	8860	8870	8880	8890	8900	8910	8920	8930	8940	8950	8960	8970	8980	8990	9000	9010	9020	9030	9040	9050	9060	9070	9080	9090	9100	9110	9120	9130	9140	9150	9160	9170	9180	9190	9200	9210	9220	9230	9240	9250	9260	9270	9280	9290	9300	9310	9320	9330	9340	9350	9360	9370	9380	9390	9400	9410	9420	9430	9440	9450	9460	9470	9480	9490	9500	9510	9520	9530	9540	9550	9560	9570	9580	9590	9600	9610	9620	9630	9640	9650	9660	9670	9680	9690	9700	9710	9720	9730	9740	9750	9760	9770	9780	9790	9800	9810	9820	9830	9840	9850	9860	9870	9880	9890	9900	9910	9920	9930	9940	9950	9960	9970	9980	9990	10000	10010	10020	10030	10040	10050	10060	10070	10080	10090	10100	10110	10120	10130	10140	10150	10160	10170	10180	10190	10200	10210	10220	10230	10240	10250	10260	10270	10280	10290	10300	10310	10320	10330	10340	10350	10360	10370	10380	10390	10400	10410	10420	10430	10440	10450	10460	10470	10480	10490	10500	10510	10520	10530	10540	10550	10560	10570	10580	10590	10600	10610	10620	10630	10640	10650	10660	10670	10680	10690	10700	10710	10720	10730	10740	10750	10760	10770	10780	10790	10800	10810	10820	10830	10840	10850	10860	10870	10880	10890	10900	10910	10920	10930	10940	10950	10960	10970	10980	10990	11000	11010	11020	11030	11040	11050	11060	11070	11080	11090	11100	11110	11120	11130	11140	11150	11160	11170	11180	11190	11200	11210	11220	11230	11240	11250	11260	11270	11280	11290	11300	11310	11320	11330	11340	11350	11360	11370	11380	11390	11400	11410	11420	11430	11440	11450	11460	11470	11480	11490	11500	11510	11520	11530	1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STATISTICS OF CITY SCHOOLS.

CITIES HAVING A POPULATION OF MORE THAN 1,500 AND LESS THAN 5,000 BY THE CENSUS OF 1905.
REPORTED BY THE CITY SUPERINTENDENTS.

Name of School	Name of Superintendent.	1904-1905.		Enrollment, 1905.	Roll in mental grades.	Average attendance.	Attendance upon enrollment.		High School.		Tuition and Tuition Pupils.		No. other teachers and average salary.							
		Number months in school year.	Number years in course.				Males.	Females.	Males.	Females.	Below 9th grade.		9th grade and above.							
											Amount received.	Males.		Females.	Amount received.	Males.	Females.			
Anamosa.	O. E. Buckley	9	12	897	116	586	75	78	553	10	18	4	51	73.98	0	14	812.00	15	84.35	
Audubon.	F. P. Hoeker	9	13	574	543	425	73	79	391	12	18	15	204	25	0	19	299.00	11	50.00	
Avoca.	M. E. Gorder	9	12	501	453	343	65	73	36	4	4	7	275	75	7	13	618.00	19	49.42	
Beaumont.	Frank E. Howard	9	12	555	510	454	83	86	46	5	14	15	199	35	12	11	538.75	14	59.14	
Bellevue.	B. B. Aquinith	9	11	569	268	178	81	65	5	1	1	2	5.00		2	3	73.00	7	42.16	
Bloomfield.	Wilbur York	9	13	597	567	401	67	72	51	6	4	8	59	00	5	9	248.00	10	37.07	
Clarion.	E. W. Fellows	9	12	578	489	368	84	75	40	4	2	3	51	00	9	13	390.47	11	47.38	
Clear Lake.	E. W. Hicks	9	11	605	439	311	68	79	27	4	5	2	1	51	00	9	13	390.47	11	40.00
Colfax.	J. L. Mishler	9	13	766	601	466	60	77	26	6	15	7	198	00	8	14	881.00	13	46.92	
Corning.	A. M. M. Dornos	9	12	654	624	565	77	80	51	8	11	3	12	212	94	9	16	238.50	16	47.83
Corydon.	W. L. Pugh	9	12	694	497	371	62	74	46	7	7	3	13	212	94	9	16	238.50	16	47.83
Cresco.	L. E. A. Ling	9	12	831	615	492	59	80	48	8	7	9	4	76	58	6	10	164.82	7	26.49
De Witt.	Margaret Buchanan	9	11	433	252	210	49	74	19	3	7	4	4	59	35	2	4	98.85	8	29.29
Eldon.	O. E. Akers	9	12	633	524	403	60	77	16	5	1	9	9	91	00	3	4	120.00	19	38.75
Eldora.	Milo Hunt	9	12	778	576	453	68	78	45	6	6	15	16	255	55	6	10	164.75	18	54.23
Emmetsburg.	E. C. Meredith	9	13	738	574	420	68	75	44	4	6	9	12	199	00	13	14	304.75	14	48.00
Forest City.	H. O. Bateman	9	13	623	542	330	74	78	31	7	2	1	8	49	50	10	6	125.85	12	46.05
Glenwood.	L. B. Mans	10	13	695	577	230	83	98	12	2	2	2	43	00	2	4	79.00	9	41.65	
Guttenburg.	C. F. Pye	9	12	615	571	375	60	65	33	1	7	5	11	182	64	4	8	78.00	13	50.00
Hampton.	O. W. Maxwell	9	13	774	515	503	85	82	51	4	6	8	6	127	03	13	13	446.00	16	49.86
Harlan.	J. W. Herr	9	13	834	748	603	73	80	78	11	11	4	2	69	00	4	12	248.50	19	51.53
Hawarden.	S. T. May	9	13	641	596	498	67	77	64	3	4	7	33	401	10	17	14	446.00	16	48.00
Humboldt.	Charles S. Cory	9	12	487	408	384	61	77	32	3	15	7	23	401	10	10	14	352.36	11	48.00
Iida Grove.	A. B. Whitley	9	13	696	510	516	75	84	66	10	14	8	24	266	54	11	21	508.75	18	48.68

County	Superintendent	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	289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GRADED SCHOOL STATISTICS

CITIES AND TOWNS OF LESS THAN 1,500 POPULATION. REPORTED
CITY SUPERINTENDENTS OR PRINCIPALS.

Name of corporation.	Population 1905.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Enumeration September 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school		Non-read d'at puph and tal tion.
									Enrollment	Gratuities	
									Number.	Amount received.	
Ackley	1491	W H Lancelot	11,100 0	12	12	473	890	305	80	8 8	2.8
Adair,	961	Will J Oatell,	900 0	12	12	283	273	325	43	7 22	813 8
Adel	834	J W Graham	1,150 0	12	12	413	377	261	85	10 22	412 75
Alfon	1033	O E Edgeman	900 0	12	12	540	...	213	4 22	...	250.50
Agency	320	J F Gentry	720 0	12	12	242	206	184	4 22	...	91.8
Ainsworth	420	Raymond Dix	539 0	12	12	131	183	137	50	1 22	298.75
Akron	153	J J Smith	720 0	12	12	416	308	247	3 14	...	147 4
Albert City,	302	Irma A Lewis	450 0	8	8	53	41	81	23	1	2 02
Albion	414	J H Outter	700 0	11	11	214	201	176	45	7 12	87 73
Allen	775	Antee V Taylor	720 0	12	12	867	234	191	43	6 21	497 08
Alleton	403	I F Holiday	1,000 0	12	12	324	348	314	3 17	40	1,008 80
Alton	533	G Waters	600 0	12	12	192	159	121	38	6	133.8
Alva	96	Wm J Bond	825 0	12	12	224	219	205	64	19	179 60
Alton	1048	F E Feller	720 0	12	12	469	173	137	17	5	...
Altona	50	W H Bond	550 0	12	12	123	134	90	13	2 13	91.80
Alvord	210	Will I Laughlin,	550 0	9	9	113	103	71	...	...	...
Andrew	300	Ed Delaney	530 0	10	10	91	151	79	31	2 21	30.0
Ana	97	W H Onebeck	920 0	12	12	373	267	258	64	7 2	367 65
Anthony	17	O H McRae	810 0	10	10	114	115	24	24	2	111.5
Anthony	604	Paul J. Harboro,	610 0	12	12	312	157	73	37	5 24	234.5
Appling Co	411	A C Walker	670 0	11	11	144	118	130	61	1 9	147 01
Arcadia,	432	J M Williams	675 0	11	11	235	74	20	18	6 8	32 87
Arkington	48	Ray L. Rawson	740 0	12	12	275	241	191	43	11 9	251.5
Armstrong	704	A R Hartman	810 0	11	11	372	379	259	63	8 4	134.00
Arnold Park	340	H W Horner	450 0	10	10	73	65	43	...	2	...
Arthur	41	...	...	...	...	94	101	84	...	...	...
Ashton	533	J L Shearer,	610 0	11	11	241	73	55	31	10 6	78 00
Auburn	114	Wm. Wendt	495 0	12	12	145	140	114	28	8	81.5
Aurelia	404	Thos D Curtis	730 0	11	11	3 6	153	131	4 2 6	...	84.50
Aurora	118	May B. Francis,	450 0	10	10	130	101	97	33	6 10	81.53
Ayrshire	13	Jella Gregg,	450 0	10	10	105	108	67	4 5	...	...
Bacay	415	E E Franklin	645 0	11	11	137	110	95	39	5 25	243 01
Baldwin	24	J B Welch	720 0	10	10	119	113	85	10 1 9	...	74.00
Bancroft	44	J J Mackus	930 0	11	11	407	146	114	87	5	...
Barham	15	J F Flynn	600 10	8	8	63	48	33	...	...	292.00
Barnes	378	J H Atkinson	630 0	12	12	147	91	99	3 11 12	...	...
Batavia	634	W O Kennedy,	490 0	11	11	171	132	160	49	4 11	80.00
Battle Creek,	51	W. H. Munson	720 0	12	12	193	180	136	46	7 10	574 75
Baxter,	131	W E. Rorabaugh	600 0	1	1	143	167	91	23	1	...
Bayard	405	F J Mantz	720 0	12	12	201	135	53	40	10	164.50
Beacon	675	J P McMurray	650 0	10	10	311	170	171	90	10 18	50.77
Beaman	21	F E Stah	510 0	10	10	72	108	51	14	2 13	87 71
Belmont	208	Frank Zopham	1,300 0	12	12	341	335	246	90	12 14	199.98
Bennett	15	Alb. M. Roe,	540 0	9	9	87	46	41	24	8	8 73
Birmingham	531	F S. Hill	530 0	12	12	130	140	148	36	4 11	189.6
Blairsville	105	S A. Jaffes	675 0	12	12	120	76	59	20	14	63.80
Blairtown,	581	R A. Palmer	810 0	12	12	210	164	112	45	8 9	125.00
Blanchard	451	Richard Zedler	675 0	11	11	183	187	130	37	6 15	270.43
Bleedco,	110	I C Atkinson	595 0	9	9	150	97	77	18	8	31.01
Blockton	214	Willas Johnson,	720 0	12	12	303	300	174	49	2 31	136.73
Bolo	664	Albert O Anderson,	530 0	10	10	177	114	85	4 2	...	...
Bonsaparte	964	J B Voss	810 0	12	12	237	167	141	43	16	147 97
Bondurant	297	Mabel Hoffman	595 0	9	9	110	69	63	...	...	8.00
Boyden	518	J G Ames	495 0	11	11	133	96	80	20	7 11	91.5
Braddyville	826	B F Westcott,	560 0	10	10	111	94	79	22	2	15.00

GRADED SCHOOL STATISTICS—CONTINUED.

No. of sch.	Population 1904.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Enumeration September 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school.		Non-resident pupils and tuition.	Assistant teachers.
									Enrollment.	Graduates.		
									Number.	Amount received.	Number.	Average monthly salary.
191	E. G. Lookhart.	870	9	9	87	72	50	5	1	7 85	1	40 00
192	John E. Gieseman	841	9	9	123	127	102	23	7	74 70	2	35 00
193	I. O. McDaniel	875	9	14	240	267	190	26	734	356 14	6	45 00
194	B. W. Medley.	1300	9	18	428	393	308	53	12	140 15	12	44 19
195	F. E. Whitney	840	9	11	125	8	93	1	17	160 78	8	39 81
196	Sagee Healey	1800	9	18	46	236	270	66	17	418 50	9	80 00
197	Clara Taylor	400	9	10	81	81	81	81	7	77 00	2	30 00
198	L. P. Manning	504	9	9	52	47	52	6	6	14 50	1	40 00
199	J. K. Chappell	540	9	9	184	153	136	13	18	74 01	2	37 50
200	F. O. Smith	750	9	10	43	285	245	36	3	80 01	2	38 30
201	A. B. S. Murray	875	9	11	142	144	119	41	18	308 1	4	47 50
202	H. G. Gamet	571	9	9	111	81	65	1	4	29 5	2	37 50
203	Gertrude Kaye	808	9	11	3	135	142	39	7	101 32	4	44 00
204	A. O. Green	490	9	10	77	54	45	2	1	35 00	1	35 00
205	Elizabeth Gouthard	451	9	10	77	73	45	2	1	35 00	1	35 00
206	Ella Lucas	491	9	9	174	133	104	8	6	49 50	3	35 00
207	H. W. Dana	614	9	12	24	247	194	32	7	81 00	6	50 00
208	Viola M. Oversee	48	9	12	90	107	29	31	4	158 4	2	35 00
209	J. H. Stecker	400	9	9	158	158	42	8	8	51 5	2	35 00
210	H. B. Morgan	501	9	12	21	135	183	35	8	80 00	5	35 00
211	G. P. Lawrie	819	9	12	21	221	144	5	9	213 75	4	45 00
212	J. L. Newman	501	9	12	190	8	49	5	12	200 00	3	43 00
213	J. O. Rutley	760	9	1	210	210	141	37	7	370 00	4	43 33
214	W. E. Askew	1000	9	1	144	124	111	44	8	370 00	4	43 33
215	W. W. Crawford	895	9	10	94	74	66	28	8	37 83	3	37 50
216	G. D. Curtis	870	9	12	104	183	162	4	1	153 4	6	33 00
217	H. H. Taylor	721	9	12	214	215	183	51	6	454 50	6	35 88
218	Paula Prunberg	640	9	9	154	15	63	11	3	40 50	2	40 50
219	W. S. Mitchell	930	9	12	332	234	19	81	5	87 50	4	41 00
220	Maud Scott	498	9	9	80	80	66	24	5	96 5	1	40 00
221	H. M. Piffay	540	9	1	12	127	94	24	5	59 75	3	36 88
222	William Smith	675	9	1	181	175	141	54	7	107 28	4	41 25
223	P. B. Woods	630	9	12	402	381	201	8	3	120 7	6	34 33
224	T. B. Stewart	630	9	12	151	134	141	98	4	85 00	4	30 00
225	J. O. Briggs	720	9	12	270	24	151	46	4	245 4	6	41 00
226	J. D. Cherryholmes	720	9	11	243	201	180	75	6	454 07	6	43 16
227	Earle S. Smith	51	9	9	81	76	8	1	4	14 95	1	51 00
228	P. E. Heckel	675	9	12	277	161	13	86	8	120 25	3	41 00
229	W. L. Water	530	9	11	184	134	101	41	12	392 0	3	35 07
230	E. A. Woodrow	631	9	11	24	200	180	55	5	183 07	4	32 88
231	J. R. Laraway	510	9	9	91	64	52	26	1	40 00	1	40 00
232	A. H. Barhart	510	9	9	409	132	104	28	5	31 0	9	41 31
233	J. Baker	510	9	12	155	153	117	17	16	91 0	4	61 25
234	O. M. Morrison	630	9	12	169	140	123	22	5	119 0	4	51 25
235	R. B. Hunt	551	9	12	137	11	94	31	6	107 81	4	43 75
236	M. O. Oronch	930	9	12	404	325	276	79	17	523 44	6	46 88
237	A. M. Gray	740	9	11	194	130	159	45	7	310 50	5	44 00
238	W. R. Woodruff	495	9	11	133	13	84	29	9	119 64	3	34 85
239	O. F. Schell	90	9	12	407	333	280	50	8	292 76	1	43 70
240	E. H. Thomas	930	9	12	50	316	313	0	5	0 0	9	43 27
241	J. R. Biggs	901	9	12	176	201	153	4	4	153 35	5	45 67
242	Albert Graham	53	9	12	135	144	120	22	44	290 78	3	49 83
243	Alfred Peterson	54	9	9	11	96	71	6	6	40 00	1	40 00
244	Frank Lindeman	720	9	11	242	194	165	44	5	38 00	1	38 00
245	Nettie A. Wells	830	9	11	94	96	61	51	13	130 27	8	49 05
246	L. B. Bravinder	440	9	10	134	118	86	83	2	30 00	8	45 91
247	W. H. Gersmiller	1170	9	12	301	29	208	77	6	530 00	8	45 91
248	W. H. Stein	851	9	12	441	211	236	4	5	44 11	9	44 11
249	J. W. Long	560	9	11	246	202	178	5	11	235 00	5	36 00

GRADED SCHOOL STATISTICS—CONTINUED.

Name of corporation.	Population 1905.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Enumeration September 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school.		Non-resident pupils and tuition.	
									Enrollment.	Graduates.		
Dayton.....	742	Anna B. Black.....	630	9	12	244	228	180	46	7	12	184.50
Decatur.....	328	J. M. Howell.....	540	9	11	159	125	92	42	6	12	91.00
Dedham.....	376	J. H. Norris.....	540	9	11	161	127	109	25	6	12	91.00
Deep River.....	445	M. T. Morgan.....	510	9	11	210	171	173	32	4	42	164.82
Defiance.....	352	Anna Johnson.....	600	9	10	184	140	112	26	5	25	164.82
Delaware.....		Daisy B. LeMaster.....	450	9	11	115	96	64	24	3	5	58.25
Delhi.....		J. C. McGee.....	575	9	11	163	126	89	14	10		90.50
Delmar.....	624	D. A. Lewis.....	540	9	10	224	141	210	52	3	4	20.00
Delta.....	675	Olyde Workman.....	540	9	14	282	234	180	37	7	11	90.00
Denver.....	163	Lillian Clarke.....	360	9	9	120	86	52	7			
De Soto.....	342	B. M. Cobb.....	675	9	11	126	122	104	27	5	28	112.84
Dewey.....		G. H. Getty.....	420	9	10	51	43	17	3	2		5.00
Dexter.....	504	E. L. Smith.....	570	9	12	321	195	174	48	6	53	520.75
Diagonal.....	489	L. M. Burgess.....	585	9	10	185	158		30	6		
Dickens.....		Will Flint.....	575	9	10	98	115	71	17	10		76.00
Dolliver.....	120	Blanche Miles.....	575	9	10		71		9			
Doon.....	565	B. E. Youll.....	510	9	12	208	178	184	35	6	16	211.50
Dow City.....	541	H. D. Kies.....	370	9	12	177	239	184	24	5	38	297.50
Dows.....	904	W. H. Blakely.....	900	9	12	227	294	245	62	6	23	471.50
Dumont.....	553	Alice Swope.....	585	9	11	200	181	185	17	1		5.00
Duncombe.....	427	L. O. Lovejoy.....	540	9	10	146	114	91	14	7		28.75
Dunlap.....		George Galloway.....	1,000	9	12	684	442	32	54	8	17	231.00
Durant.....	609	L. V. Beaulien.....	620	9	11	194	153	103	4	4	5	61.50
Dyersville.....	1446	W. L. Evans.....	700	10	12	648	52	84	15	9		
Dysart.....	846	W. G. Martin.....	510	8	12	273	227	185	47	16		144.30
Earham.....	377	W. H. Monroe.....	1,100	9	12	230	228	285	14	20	73	1,086.00
Early.....	554	F. L. Kolb.....	770	9	12	215	169	187	54	7	14	188.00
Earlville.....	57	W. H. Hezzard.....	620	9	12	184	172	165	40	12	12	200.50
East Peru.....	204	Kathryn Carman.....	460	9	9	102	67	42	2	3		
Eddyville.....	1127	L. P. Breeden.....	510	9	12	348	331	265	61	9	32	469.25
Eggswood.....	43	R. M. Wallace.....	680	9	12	81	127	145	57	6	11	100.00
Elberon.....	387	F. S. Patrick.....	450	9	9	126	86	87	17	5	1	20.00
Elgin.....	600	J. H. Williams.....	675	9	12	215	184	129	34	2	3	49.75
Elkhader.....	1254	Robert Rlenow.....	1000	9	12	427	277	210	74	12	14	218.50
Elkhorn.....		Magaret Peterson.....	640	9	10	140	100	60	24	4	8	
Elkport.....	224	Daniel Costegan.....	540	9	12	195	118	87	46	1	15	44.75
Elliott.....	583	W. B. Gregg.....	720	9	12	180	174	156	46	9	30	144.90
Ellston.....	285	D. D. Carlton.....	540	9	12		120		17	6		54.00
Ellsworth.....	415	O. B. Von Krog.....	720	9	10	171	136	110	2	9	10	23.00
Ellwood.....		H. R. Bartlett.....	494	9	9	86	62	41	8	8		
Elma.....	944	A. R. McCook.....	675	9	12	244	317	219	51	7	17	160.00
Emerson.....	586	J. D. Reed.....	720	9	12	205	181	183	34	7	16	204.60
Epworth.....	571	Anna O'Conner.....	500	10	12	167	124	98	13	6		
Essex.....	779	M. H. White.....	650	9	11	252	219	180	86	6	7	90.00
Everly.....	400	F. B. Steece.....	520	9	11	147	120	98	11	7	10	121.20
Exira.....	824	F. A. Sims.....	600	9	12	274	250	184	24	8	12	151.20
Fairbank.....	622	A. R. McQueen.....	185	9	12	226	184	104	24	6	4	26.50
Fairfax.....		Alta Dice.....	484	9	11		71		33	6		
Farley.....	505	Mary O. Bourke.....	600	10	12	234	177	138	25	2	14	123.00
Farmersburg.....	197	A. F. Rogers.....	425	9	9		75					
Farmington.....	1649	Arthur T. B. Owen.....	580	9	12	346	275	217	22	12	70	535.00
Farramville.....	324	O. E. Hibbs.....	540	9	10	120	122	86	22	11	6	87.50
Farragut.....	541	O. P. Beale.....	600	9	12	167	225	161	34	6	7	400.00
Fayette.....	1108	J. E. Moore.....	1,000	9	12	286	168	147	69	6	11	175.00
Fertile.....		Sella Lardard.....	360	8	10		81		24	1		34.00
Floyd.....	531	E. A. Sheldon.....	675	9	11	94	105	50	34	11	4	21.00
Fonda.....	1009	C. J. Boyington.....	100	9	12	314	205	240	64	14	23	332.00
Fontanella.....	847	P. P. Sullivan.....	1,000	9	12	292	208	155	40	2	41	218.00

GRADED SCHOOL STATISTICS—CONTINUED

No.	Population 1905.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in service.	Immigration September 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school.	Non-resident pupils and tuition.		Assistant teachers.	
										Number.	Amount received.	Number.	Average monthly salary.
283	W. A. Daakam.	495	9	9	182	64	84	42	2	1	...	1	30.00
284	J. R. Curry.	500	9	9	254	185	242	42	2	1	...	1	37.00
285	F. A. Wildman.	540	9	10	212	129	135	34	6	17	89.00	3	39.50
286	has. Young.	580	8	12	175	124	120	48	4	17	145.00	4	37.50
287	H. W. Butter.	540	9	9	81	85	53	6	6	6	7.50	1	40.00
288	F. L. Renshaw.	720	9	12	194	192	145	40	8	23	247.00	6	44.00
289	A. L. Lyon.	810	9	12	190	232	183	68	8	20	216.75	6	43.33
290	E. Rittgers.	680	9	10	218	...	218	4	...	...	...	5	45.00
291	W. E. Lockridge.	595	9	10	127	94	72	31	19	10	185.00	3	37.50
292	W. J. Jerome.	1000	9	12	431	349	264	74	12	21	249.18	9	44.16
293	Ira J. McGinty.	755	9	12	202	171	109	14	2	2	...	3	43.33
294	W. A. Pye.	630	9	11	138	123	105	3	6	9	60.00	8	40.00
295	L. H. Ashline.	495	9	10	84	65	49	...	...	...	...	1	40.00
296	E. T. Gilman.	630	9	11	146	118	105	16	2	5	91.75	3	50.00
297	Nellie Gallagan.	540	9	10	174	98	105	27	3	5	...	2	42.50
298	O. W. Moore.	590	8	10	...	85	...	1	3	2	...	2	37.50
299	D. A. Tidale.	680	9	11	184	173	147	3	3	7	810.00	4	47.50
300	L. A. Wilson.	675	9	1	145	241	191	49	3	7	577.00	4	40.50
301	H. B. Shoemaker.	810	9	12	831	241	217	43	1	15	282.00	5	45.00
302	E. D. Geeson.	1000	9	12	268	226	109	78	1	24	711.00	8	38.15
303	O. H. Benson.	800	9	12	255	240	202	51	3	13	199.00	7	41.29
304	Carl Williams.	590	9	10	11	102	80	34	...	...	47.85	2	40.00
305	C. E. Covett.	675	9	12	253	200	148	47	...	...	80.00	5	36.00
306	F. H. Dawson.	495	9	10	202	186	144	53	5	8	27.00	1	10.00
307	F. H. Amble.	900	9	12	308	240	202	55	3	7	236.00	1	19.75
308	Clarence Baker.	545	9	9	141	108	87	4	2	2	...	1	27.50
309	H. L. Conner.	480	8	11	135	168	99	54	3	13	82.00	1	35.00
310	Thos. Dunn.	630	9	10	...	87	...	2	7	1	97.75	3	43.33
311	R. M. Lampman.	530	10	10	168	21	81	4	2	1	10.00	1	40.00
312	W. H. Cash.	540	9	10	161	173	120	42	6	13	188.50	3	40.83
313	Beile. Macelot.	540	9	10	69	87	61	33	6	9	113.34	2	46.67
314	Anna Leloney.	605	9	10	197	122	106	3	...	4	30.75	3	40.00
315	W. E. Moss.	680	9	11	120	111	79	14	1	17	185.00	3	40.00
316	W. W. Overmyer.	1000	9	12	334	250	271	71	2	47	478.37	6	46.63
317	W. R. Andrews.	1200	9	12	414	341	314	41	9	24	380.00	11	41.82
318	H. L. Soger.	540	8	10	199	167	120	17	8	2	2.25	3	40.00
319	D. C. Neifert.	1000	9	12	262	230	208	53	4	38	465.15	8	45.38
320	O. L. Love.	1000	9	12	442	326	309	125	25	63	401.75	2	45.19
321	Wilber A. Service.	850	7	10	73	76	57	25	...	7	28.50	1	40.00
322	V. Williams.	900	9	12	432	334	329	73	10	26	134.50	10	55.01
323	W. Lyman.	545	9	10	106	99	69	...	...	17	187.16	...	...
324	Francis Hubbard.	480	9	10	76	49	68	...	...	6	...	2	41.25
325	...	...	...	...	...	...	...	...	...	...	...	1	35.00
326	J. E. Shaver.	510	9	11	...	68	...	9	1	...	...	1	50.00
327	O. M. Odle.	1000	9	12	439	342	302	73	14	36	222.02	10	45.98
328	J. White.	810	9	10	57	56	54	22	1	3	...	1	35.00
329	A. E. Tipple.	830	9	12	162	128	93	14	8	3	15.75	3	43.33
330	G. H. Culver.	676	9	12	116	87	84	22	9	2	4.62	3	46.66
331	E. O. Preston.	718	9	12	250	167	115	34	6	3	40.50	3	36.67
332	Elizabeth Thomas.	860	8	10	...	59	...	...	...	1	...	1	40.00
333	Mary W. Bryant.	600	8	12	303	241	237	45	8	18	129.29	6	40.00
334	R. E. Daveport.	650	9	11	90	89	68	26	3	17	...	3	36.67
335	J. P. Street.	565	9	9	97	87	78	34	...	...	29.22	2	40.00
336	H. P. Mower.	450	9	10	107	90	68	25	...	...	...	2	43.75
337	R. A. Griffin.	950	9	12	348	260	218	40	6	16	224.40	6	48.13
338	E. G. Meisner.	858	9	11	253	217	148	39	...	1	9.15	4	41.88
339	W. H. Shipley.	540	8.5	11	134	105	61	25	...	27	230.00	6	40.00

GRADED SCHOOL STATISTICS—CONTINUED.

Name of corporation.	Population 1904.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Examination September 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school.	Non-read-just pupils and tuition.	
										Enrollment, Graded.	Amount received.
Hamper	578	J. G. Hennold	600	10	9	303	95	87	20		
Hubbard	591	W. O. Reed	774	10	13	379	169	120	21		89.25
Hill	788	T. N. Vain	900	10	12	324	249	201	42	1	
Harrison	588	Geo. F. Kelso	945	10	12	387	303	228	58	1	274.50
Ingersoll	48	J. B. Woodrum	517	10	9	113	98	81			
Laword	618	B. L. Bankers	575	11	11	193	183	151	4	5	214.50
Leola	314	Walter P. Johns	545	10	12	147	125	89	54	12	18.00
Ireton	592	A. L. Halstead	573	10	11	224	145	127	27	9	203.50
Ireton	515	James Heymour	553	10	10	111	115	108	18	4	
Jamison	613	J. E. Knepp	550	10	10	154	180	110		7	91.00
Jamezville	292	V. G. Behrens	450	9	9	83	81	59	2	6	70.15
Jasp	64	E. A. Walters	720	10	12	208	160	127	77	4	100.80
Jewell	953	A. R. Gardner	721	10	10	242	225	176	51	6	
Jolley	438	H. A. Crawford	510	10	10	15	81	65	22	1	
Kalona	510	H. C. Kibe	630	10	12	203	133	130	23	5	11.00
Kanawha	29	J. A. Plushary	765	10	11	18	190	83	49	11	38.00
Kellerton	59	I. H. Linton	635	8.5	11		191	118	54	19	144.15
Kellogg	592	F. M. Phillips	750	10	12	150	154	118	8	6	6.00
Kennett	435	A. L. Burgoon	551	8.5	11	157	123	9	7	13	19.87
Kent	101	James S. Francis	540	10	9	75	73	46			
Kawood Park	44	Marie Thanner	510	10	10	20	178	114	12	4	
Kearney	141	David Williams	100	8	12	33	240	275	2	4	512.62
Kelso	281	W. Yeager	765	10	12	270	214	212	72	13	481.20
Keweenaw		Frank Smith	650	10	11		142		8	11	110.00
Keystone	156	J. H. Rogers	71	11	12	198	95	85	20	1	114.00
Kidley	437	W. A. Burton	720	10	12	303	242	193	5	15	297.00
Kilgus	61	Harry P. Trembo	540	10	10	60	5	49	1	6	84.00
Kirkman	312	W. J. Luxford	540	10	10	92	111	88	1	14	68.20
Knoxville	121	J. H. Thomas	410	10	11	118	122	10	28	5	50.00
Koon	391	J. J. Haughton	45	10	11	151	118	47	12	1	
Kulick		John Craighead	450	10	10	107	77	54	34		61.00
Kulick	271	Frank S. Wiley	350	10	10		92		33	8	81.20
Ladonia	522	George E. Eton	63	10	11	179	213	157	69	4	2.00
Ladonia	24	W. B. Mason	610	10	11	126	103	88	31	17	140.00
Lake Park	348	W. E. Whitford	810	10	12	495	424	31	61	8	91.50
Lake Park	616	M. R. Hassell	765	10	12		215		41	3	66.00
Lake View	343	John S. Burke	720	10	11	140	112	124	44	7	93.00
Lanham	344	J. A. Adon	670	10	11	209	205	172	51	7	71.00
Lanham	40	Emory C. Aders	450	10	11	113	123	81	26	4	35.00
Lanham	347	G. H. Minkel	100	10	11	417	320	259	91	14	311.40
Larchmont	121	J. B. Madala	710	10	11	16	154	119	29	6	117.50
Larchmont	11	Robert Ackerman	440	10	11	71	68	51	6	3	83.00
Larchmont	11	J. B. Washburn	460	10	11	15	117	80	21	2	67.00
Larchmont	734	W. H. Reever	850	10	12	294	221	239	6	6	43.00
Lawrence	31	Daniel O'Leary	730	10	11	344	107	114	34	2	
LeClaire	372	A. J. Newman	720	10	12	179	141	110	17	5	27.50
LeClaire	312	J. G. Atter	495	10	11	1.6	75	62	37	1	
Lehigh	33	C. E. O'Connell	630	10	11	434	253	278	24	6	110.00
Lehigh	381	Joseph Bowman	830	10	10	110	89	45	44		
Lehigh		E. T. Keith	100	10	12	26	243	232	66	13	175.00
Lehigh		A. J. Mitchell	330	10	11	78	6	47	31		
Lehigh		J. A. Bailey	510	10	11	115	93	70	15	3	101.00
Lehigh	41	J. E. Mott	430	10	11	137	121	80	41	1	10.00
Lehigh	643	A. D. King	200	10	11	234	235	145	43	12	28.50
Libertyville		E. F. Young	450	10	11	86	9	75	12	4	
Lima Springs	43	E. A. Welch	720	10	12	211	134	142	53	6	345.00
Linden	324	F. S. Brown	675	10	11	143	117	92	35	14	261.00
Lisaville	83	O. H. Hutton	930	10	11	211	217	167	70	1	300.00

GRADED SCHOOL STATISTICS—CONTINUED.

of loc.	Population 1904.	Name of superintendent or principal.	Salary of superintend- ent or principal.	Months in year.	Years in course.	Enumeration September 1905.	Enrollment year 1904-1905.	Average attendance 1904-1905.	High School.		Non-resi- d'nt pupils and tui- tion.	Amount received.	Amount received.		Average monthly salary.
									Enrollment.	Graduate Number.			Number	Average monthly salary.	
1		J. P. Lenning.	600 0	11	171	257	114	41	7		44.60	40.00			
248		P. W. Peterson.	1000 0	13	269	204	168	88	10		50.00	45.00			
366		M. M. McFee.	598 0	11	150	126	102	32	7	9	76.00	45.00			
38		C. W. Covitt.	578 0	12											
38		J. E. Troth.	578 0	11	117	107	52	21	7	7	73.00	48.83			
427		S. D. Leonard.	585 0	12	144	141	102	19	110		82.60	36.66			
584		J. A. Echenrod.	673 0	12	200	151	142	59	522		244.00	45.00			
1374		J. E. Blodgett.	1200 0	10	448	397	361	74	1066		522.00	47.00			
624		W. L. McHarmid.	750 0	11	180	109	155	4	1113		86.00	44.75			
627		Amos Hoffman.	675 0	1	187	16	12	24	30		358.52	41.25			
722		M. I. Roberts.	720 0	10	207	156	142	24	8		82.60	41.00			
507		G. E. Farley.	720 0	10	203	13	138	34	19		206.00	41.50			
474		J. B. Evans.	480 0	10	302	148	97	24	1		80.00	36.00			
612		B. S. Longbeam.	600 0	10	228	145	116	1	1		95.70	40.00			
1194		George Miller.	675 0	12	40	404	30	84	11	8	5.00	35.14			
552		Ward Hanna.	630 0	11	281	168	146	27	9	9	100.00	43.75			
444		A. T. Gifford.	630 0	11	16	16	2	2	12		123.50	38.50			
335		L. L. Caulet.	720 0	11	136	10	126	44	1585		380.30	44.88			
923		Mary Stanley.	540 0	8	10	74		3	5			38.50			
227		F. F. Storer.	540 0	10	124	111	10	51	12		77.00	40.00			
427		H. Wood.	810 0	12	132	15	18	47	26		239.50	44.75			
146		Iola Hartley.	340 0	1	50		82	6	17		59.00	36.00			
1204		O. P. Stewart.	900 0	12	411	217	202	57	122		420.50	48.75			
1078		E. L. Meek.	765 0	11	412	234	207	52	111		198.00	44.70			
795		J. C. Richter.	810 0	12	380	253	244	44	5		381.00	48.57			
327		C. G. Olmmer.	495 0	10	126	95	83	24	7		62.60	40.00			
1382		C. J. Johnson.	1100 0	12	850	454	381	76	12		341.00	51.67			
1405		G. W. Young.	1100 0	11	281	429	325	71	29		276.00	47.00			
1184		T. V. Bird.	900 0	12	408	330	285	6	15		99.00	42.00			
530		E. J. Faeeling.	800 0	12	373	230	225	54	6		67.00	36.66			
530		L. E. Fiskeburg.	765 0	11	180	180	134	07	1714		124.00	42.00			
530		R. A. Fenton.	720 0	12	278	192	134	04	617		267.15	45.00			
475		J. J. Lench.	680 0	11	118	187	91	22	211		103.00	49.50			
282		Maud Hursey.	480 0	10	09	107	77	41	115		140.47	37.50			
460		H. H. Heitzler.	675 0	11	176	145	101	34	17		126.00	42.00			
234		A. Van Wechel.	495 0	11	72	57	47	4	4		54.00	40.00			
681		Charles Kies.	720 0	12	322	268	176	39	27		217.11	50.83			
470		A. B. Ward.	540 0	1	128	141	121	26	64		72.00	40.00			
50		C. M. Lotten.	540 0	11	137	139	80	24	1		32.00	60.00			
630		E. M. Fox.	585 0	12	194	153	109	28	8		82.60	50.00			
131		Josephine Harrison.	1000 0	12	477	399	326	14	19		285.30	56.66			
754		G. H. Scobey.	900 0	11	203	242	190	67	67		389.14	46.00			
84		T. M. Cleveenger.	810 0	12	258	247	192					45.00			
34		A. G. Brown.	640 0	11	185	188	95	31	4		6.28	41.00			
39		James Lowrey.	720 0	11	16	132	101	16	11		200.00	46.00			
256		W. O. Dalley.	640 0	10	117	118	74	6	1		174.10	46.00			
43		R. F. Scott.	675 0	9	160	142	112					45.00			
914		Mrs. E. W. Russell.	450 0	10	50	92					30.00	32.50			
304		W. J. Hunt.	720 0	10	135	114	90	48	610		262.00	40.00			
664		F. T. Thompson.	720 0	11	212	181	142	48	912		223.00	43.00			
4		A. J. Wolcott.	480 0	9	84	74	59	35	812		100.00	37.50			
947		P. M. Hersom.	810 0	12	185	196	148	65	425		218.4	44.00			
1107		Frank Jarvis.	900 0	12	318	241	220	80	1424		176.86	52.00			
386		R. R. Monroe.	675 0	11	17	152	128	34	4	7	108.00	41.66			
405		Ernest Walker.	675 0	11	208	117	118	7	310		96.60	41.25			
254		Carl J. Knock.	675 0	12	147	18	108	22	324		64.18	36.00			
755		Ernest Ooad.	720 0	12	220	23	178	60	722		428.50	41.00			
446		Snate T. Faith.	495 0	10	130	94	107	52	618		66.74	45.00			
266		Geo. E. Minseldine.	675 0	10	108	146	108	51	516		51.25	50.00			

GRADED SCHOOL STATISTICS—CONTINUED.

Name of corporation.	Population 1905.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Enrollment September 1906.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school.		Non-resident at pay and tuition.
									Enrollment.	Graduates.	Amount.
Monmouth	291	E. R. Stoddard	535	9	10	107	122	109	27	5	12
Middle .....	...	J. S. Doods	765	9	11	234	151	160	52	9	29
Monroe	86	C. T. Reed	730	9	11	215	181	161	45	9	14
Montezuma	1234	C. E. Dugan	1300	9	12	503	283	255	96	15	25
Montour	441	Viola Ward	650	9	12	121	110	61	26	2	8
Montrose	719	J. W. Kennedy	600	9	12	227	157	159	24	6	6
Morehead	351	A. L. Vincent	810	9	11	245	23	161	28	9	8
Morehead	351	T. B. Marksburg	600	9	11	248	157	174	18	2	8
Morris	691	G. F. Hill	1100	9	12	809	511	26	26	2	2
Morrison	752	N. B. Kaapp	450	9	11	53	53	53	7	5	13
Mt. Union	123	J. W. Roberts	433	9	9	63	78	89	...	...	...
Moulton	1223	G. W. Bryan	1100	9	12	445	543	317	24	8	27
Moville	551	J. F. Burgess	700	9	11	131	159	152	23	7	15
Murray	831	J. E. Wright	900	9	12	257	305	190	68	14	...
Nashua	1333	E. O. Hill	1050	9	12	372	543	270	89	12	44
Neola	1041	I. D. Shuttleworth	990	9	12	392	184	167	10	...	...
Newell	690	J. E. Jandy	810	9	12	24	208	175	64	...	10
New Hall .....	...	E. E. Steadman	493	9	9	93	61	42	29	3	...
New Hartford	574	H. H. Kells	765	9	11	182	183	184	48	7	12
New London	1014	N. E. Johnson	745	9	11	289	243	160	...	...	...
New Sharon	623	John McPherson	820	9	12	329	297	260	78	6	18
New Virginia	339	E. E. Baker	639	9	10	149	123	145	46	7	9
Nodaway	353	H. F. Volkman	675	9	12	120	104	92	17	8	8
Nora Springs	1141	E. F. Fisher	1200	9	12	320	324	272	184	25	102
North English	835	J. M. McCullon	900	9	12	311	295	219	64	5	37
North McGregor	57	Fred A. Beyl	665	9.5	9	235	151	95	13	...	...
Northwood	1379	F. W. Edwards	900	9	12	310	261	210	75	13	...
Northboro	205	W. O. Boylan	512	9	10	101	91	90	29	7	17
Norwalk	35	Edward Goetsch	400	9	10	101	103	75	4	8	11
Norway	74	George A. Glenn	675	9	11	215	55	57	31	9	10
Oakland	93	E. R. Jackson	675	9	11	452	245	275	62	12	45
Oakvaden	40	J. R. Wilson	510	9	11	219	191	160	36	21	19
Odebolt	1431	Leslie Reed	1250	9	12	483	390	345	94	12	76
Ogden	103	Jane E. Thompson	630	9	11	300	297	247	5	9	19
Olin	675	Tom J. Cowan	855	9	12	255	215	187	48	10	26
Ollie	27	S. E. Nivens	420	7	10	122	103	69	37	...	...
Oaslow	27	Ingh Mossman	725	9	11	76	87	70	31	8	13
Orchard .....	...	H. A. Longley	450	9	9	71	75	50	...	...	...
Orient	31	T. B. Himes	675	9	11	148	160	127	31	1	31
Ostian	74	J. A. Russell	612	9.5	10	295	110	77	26	7	...
Oto	32	W. H. Leyenberger	630	9	11	192	113	139	30	4	8
Oxford	64	R. W. Hies	745	9	11	220	187	144	32	7	17
Oxford Junction	60	J. M. Foote	675	9	12	223	224	183	...	7	11
Pacific Junction	18	J. Y. Ashton	675	9	11	240	205	153	33	7	...
Packwood	31	Frank Stewart	450	9	9	109	79	51	...	...	...
Panama	29	J. H. Wescott	540	9	9	140	100	79	16	6	12
Parkersburg	101	J. E. Dixon	1,000	9.5	12	320	304	263	75	9	16
Parnell	391	Mark Mallin	630	9	10	160	160	113	19	...	31
Paton	331	J. F. Bradshaw	630	9	11	101	140	109	44	9	41
Patterson	174	Carl Misseldine	405	9	10	122	91	41	10	...	...
Paulina	67	E. E. Martin	1,000	9	12	334	249	214	51	12	31
Pecan	25	L. A. Giddings	595	9	10	121	124	95	22	...	...
Peterson	431	E. G. Clarke	765	9	12	151	174	165	5	...	31
Pierson	491	James Daughton	720	9	12	183	195	141	45	7	35
Pilot Mount	333	J. S. Jones	600	9	10	115	83	65	16	6	7
Plainfield	537	W. H. Gelvin	690	9	11	140	120	109	49	4	12
Pleasanton	201	J. E. Cozad	400	9	9	81	62	65	36	8	4
Pleasantville	701	J. M. Ireland	640	9	12	242	225	202	65	10	22
Plover .....	...	Mary H. Hobbs	465	9	11	...	120	84	...	...	...

GRADED SCHOOL STATISTICS—CONTINUED.

No.	Population 1905.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Enumeration September, 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school		Non-resident pupils and tuition.	Assistant teachers.
									Enrollment	Graduates		
									Number.	Amount received.	Number.	Average monthly salary.
.....	813	H. A. Mitchell.....	1100	9	12	233	278	243	77	13	23	49.50
.....	432	J. T. Padgham ..	630	9	9	129	108	86	14	10	8	42.50
.....	335	Arminia B. Nerry.	430	10	10	181	44	88	13	10	8	30.00
.....	416	Anna E. Barrett...	540	10	10	180	111	107	13	6	10	40.00
.....		M. E. Gilbert.....	540	11	11	70	68	50	21	11	8	
.....	622	J. F. Kuehne ..	785	12	12	214	210	142	53	6	25	46.50
.....		Lawrence Saveren ..	280	12	12	103	67	25	21		1	35.00
.....	119	Alice M. Curtis.....	405	10	10	60	55	25	21	6	7	40.00
.....	342	Allan Peterson ..	765	11	11	184	215	178	41	4	20	48.00
.....		Alice Errod ..	820	9	9	82		29				
.....	659	E. J. Pollock ..	720	11	11	242	227	162	60	7	16	45.00
.....	303	J. W. Wilkerson.....	420	9	9		92		30	40		37.50
.....	1290	J. O. Jamerson ..	900	12	12	298	331	276	79	11	14	47.50
.....	988	John Hays.....	620	11	11	454	122	101	27	2	8	47.50
.....	404	R. E. Scott ..	525	12	12	181	143	114	31	7	21	44.50
.....	496	F. D. Ourtright ..	585	11	11	224	162	138	29	11	3	43.75
.....	824	Paul M. Ray ..	900	12	12	192	254	275	63	9	8	35.00
.....	607	C. W. Hinkle.....	780	10	10	180	156	119	27	6	10	35.33
.....		W. A. Auten ..	400	9	9	140	54	40	19			25.55
.....	826	A. A. Nelson ..	640	11			111		28	8	8	39.00
.....		Alma Cox ..	312	10	10	80	180	63	8			29.00
.....	378	H. A. Glackmeyer	765	12	12	172	166	124	25	8	22	44.00
.....	627	E. L. Bryson ..	675	12	12	180	96	85	16	4	6	40.00
.....	702	C. V. Fraser ..	675	11	11	241	242	165	29	12		40.00
.....	982	J. R. Fitz ..	900	11	11	281	240	220	71	11	23	40.68
.....	1088	R. P. Crocker ..	920	12	12	615	940	230	49	5	2	45.27
.....	685	Fred Mahannah.....	675	12	12	202	184	110	53	6	1	53.44
.....	1334	L. O. Bryan ..	1100	12	12	429	824	296	54	6	38	50.23
.....	191	Homor Baudell ..	220	9	9	91	86	41	24		5	37.00
.....	151	F. M. Quashee.....	420	10	10	78	98	64	24	18		37.50
.....		Ira Scott ..	630	12	12	272	205	175	63	7	21	49.50
.....	911	Fred L. Omsady.....	1000	12	12	427	826	327	72	7	19	45.00
.....		Frank Foster.....	450	10	10	111	129	94		11		36.67
.....	242	A. E. Murley ..	405	10	10	150	153	193	32			40.00
.....		N. Stone Markinson	820	9	9	75	52	25		1		40.00
.....	410	Wollie O. Downs...	820	10	10	107	68	25	23	2	2	31.25
.....	502	W. J. Bender ..	860	9	9	156	184	93	7		8	37.50
.....	729	W. W. Rowley ..	775	12	12	184	178	135	53	11	25	40.00
.....		H. A. Welby ..	1000	12	12	274	245	193	62	7	22	45.28
.....	871	Mary Wadlock.....	495	10	10	121	104	15	6			35.00
.....	924	Eva M. Fleming ..	810	11	11	323	236	198	41	6	6	49.00
.....	714	Frank Sanderlin.....	875	12	12	205	170	144	31	4	5	37.00
.....	461	A. H. Anton ..	640	12	12	183	161	117	29	7	29	35.00
.....	501	R. R. Richmond.....	552	8.5	12	149	140	95		6		33.00
.....		LeRoy Anderson.....	720	9	9	82				2		40.00
.....	1271	Joel E. Johnston ..	1210	12	12	441	371	333	90	5	33	48.33
.....	689	J. W. Rodman ..	675	12	12	182	177	155	42		23	47.50
.....	105	F. N. Ory ..	630	10	10	112	79	77	21	1	9	45.00
.....	820	W. W. Ball ..	810	11	11	245	227	175	61	12	12	40.00
.....	951	Ernest Tinkle.....	620	11	11	116	93	71	22	10	12	33.00
.....	410	R. H. Brivester.....	675	12	12	225	171	102	27	6	14	40.00
.....	870	O. W. Hunt ..	670	11	11	189	198	100	20	10	40	41.00
.....	635	J. F. Doderer ..	725	11	11	212	192	151	21	11	9	45.45
.....	849	Ben Boardman ..	810	12	12	219	181	172	64	9	25	40.00
.....	848	J. J. Sharpe ..	810	12	12	240	210	139	66	14	32	45.00
.....	565	M. R. Fayram ..	675	11	11	174	151	116	21	11	21	40.00
.....		George Sarsah.....	400	11	11		51		22	4		33.50

GRADED SCHOOL STATISTICS—CONTINUED.

Name of corporation.	Population 1905.	Name of superintendent or principal.	Salary of superintendent or principal.	Months in year.	Years in course.	Enumeration September 1905.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High school		Non-resident pupils and tuition.	
									Enrollment.	Graduates.		
									Number.	Amount received.		
Bibley	1464	L. B. Parsons	1200	9	12	481	414	321	28	12	28	\$ 547.00
Bidney	1146	C. S. Cobb	1080	9	12	497	510	407	98	11	32	570.00
Silver City	417	J. R. Graham	675	9	11	149	143	133	26	9	18	189.55
Sioux Center	641	A. W. Alvoord	850	9	12	315	157	201	26	5	8	85.50
Sioux Rapids	917	P. L. Lovland	900	9	12	344	235	214	51	8	32	418.30
Slater		W. O. Wydell	720	9	12	144	132	79	25			
Sloan	681	J. E. Vertis	765	9	12	246	253	227	30	10	28	
Smithland		C. W. Boys	680	9	11	227	163	155	22	4	11	77.00
Solon	402	J. W. Weber	480	8	11	127	152	127	22	5	30	442.00
South English	329	Owen Hensley	560	8	10		100		29	8	6	68.75
Spillville	850	Stephen Kruehek	475	9	9	182	49	44	8	7	0	68.00
Spirit Lake	1341	B. S. Whitley	1100	9	12	401	389	281	64	7	0	108.00
Springdale		C. E. Burton	755	9	12	12	137	107	39	7	23	440.00
Springville	584	J. E. Ricks	610	9	12		127		69	10	40	459.01
Staceyville	558	Oscar Mueller	675	9	11	232	77	144	5	4	1	
Stanhope	572	F. C. Runkle	640	9	12	122	95	67	8			57.00
Stanton		Charles Hill	595	8	10	27	189	177	35	7	4	83.00
Stanwood	447	Paul S. Fifer	570	9	12	12	141	117	32	2	4	58.15
State Center		M. D. Sutton	1000	9	11	20	279	230	34	6	25	397.00
Steamboat Rock	486	George O. Hoyt	545	9	11	140	117	94	24	3	12	119.50
Story City	116	Julia Hagen	74	6	12	434	261	297	48	4	8	31.00
Stratford	621	J. M. Holaday	675	6	12	227	178	128	30	4	12	47.00
Strawberry Point	923	J. F. Trotter	900	9	12	254	201	172	21	1	7	61.50
Sumner	1474	Thos. J. Durant	1100	9	12	714	601	591	67	11	16	220.40
Superior	159	F. O. Crowe	450	9	4	7	72	24			14	21.75
Sutherland	662	F. E. Tellier	1040	9	12	274	245	229	44	4	34	504.00
Sutherland	264	L. B. Stivers	545	9	1	1	52	51	14	8	5	42.00
Swan City	878	C. A. Smith	630	9	12	122	122	94	25			180.50
Tabor	958	G. U. Gordon	775	9	11	84	844	385	44	1	17	210.75
Thayer		George Abel	840	8	9	25	68	47				
Thompson	481	W. H. Golly	540	9	1	174	180	166	29	5	21	144.00
Thornburg	223							171				
Thornton	392	Julius H. Rohde	580	9	1	161	149	109	41	4	4	52.75
Thurman	363	H. C. Brown	760	9	11	161	231	160	2	11	44	262.20
Tingley	478	Chas. Murray	720	9	11		154				1	278.21
Traer	1407	F. L. Mahannah	1100	9	12	44	344	302	67	11	8	230.00
Tripoli	711	H. A. French	650	9	11	7	101	85	18	5	2	27.00
Truro	244	Walter Craig	460	9	4	10	102	71	23	20		50.75
Union	536	A. S. Fulton	720	9	12	214	186	152	58	19	19	176.00
Unionville		W. K. Bishop	76	9	10	121	95	74	24		2	74.00
Ute	420	W. E. Bowen	675	9	1	204	182	182	33	11	14	111.00
Vail	676	F. F. Gordon	600	9	11	275	90	94	7	1	1	10.00
Van Meter	406	F. L. Douglas	765	9	11	274	143	121	33	4	20	245.50
Van Wert	486	F. P. Reed	600	8	11	142	168	87	42	6	18	215.00
Victor	722	Walter I. Griffith	675	9	1	211	229	191	34	13	27	256.00
Volga	408	W. J. Triglia	630	9	1	150	148	129	34	7	17	189.00
Walcott	301	Henry E. Ronge	610	0	1	15	115	78	4	2	2	21.00
Walker	571	A. B. Alderman	720	9	11	214	148	141	30	4	8	38.70
Wall Lake	619	M. R. Timmerman	870	9	12	220	209	162	48	7	11	198.00
Walnut	938	G. O. Van Meter	1050	9	12	385	268	275	64	18	12	416.00
Wapello	1398	J. W. McCulloch	1000	9	12	220	474	141	76	8	28	379.00
Washta	484	W. E. Kapp	900	9	11	174	145	119	24	6	8	85.00
Waucoma	551	A. A. Backnap	540	9	12	214	140	121	39	7	18	175.50
Waukegan	340	W. L. Shirley	540	9	1	148	129	108	35	2	17	112.21
Wayland	430	J. W. Piercy	520	9	11	212	160	123				
Webb	166	C. W. Manning	450	9	9	72	64	43			5	25.00
Weldon	319	A. N. Smith	600	8	11	127	130	99	55	9		
Wellman	663	A. O. Thomas	810	9	12	201	190	155	55	23		328.34

GRADED SCHOOL STATISTICS—CONTINUED.

of con.	Population 1904.	Name of superintendent or principal.	Salary of superinten- tent or principal.	Months in year.	Years in course.	Enrollment September, 1903.	Enrollment year 1904-1905.	Average attendance year 1904-1905.	High schools.		Non-resi- d'nt pupils and tu- tion.	Assist- ant teach- ers.
									Enrollment	Graduated.		
									Number.	Amount received.		Number. Average monthly salary.
.....	332	M. H. Hoffman ...	675 00	9	11	223	139	26	10	\$ 37.00		4 \$48.25
.....	691	G. D. Olevenger ...	630 00	9	12	260	157	125	28	34.25		8 41.00
h.....	657	S. H. Mott	900 00	9	12	268	234	195	38	571.50		8 40.00
f.....	268	Rose Mintier	450 00	9	9	69	61	42	14	28.44		1 49.00
.....	241	H. P. Smith	450 00	9	9	74	46	48	19	92.00		1 40.00
.....	449	E. D. Lewis	720 00	9	11	154	154	243	25	68.00		4 45.00
.....	514	E. F. Honsh	810 00	9	11	305	146	119	31	55.00		4 39.25
.....	617	G. L. Weaver	720 00	9	12	352	173	149	46	345.00		8 40.88
.....	485	A. C. Joy	720 00	9	11	123	69	60	17	...		3 41.25
.....	523	E. E. Boyce	700 00	9	12	192	171	131	55	169.00		4 45.00
g.....	1036	Bruce Francis ...	1900 00	9	12	355	363	279	90	641.45		8 41.37
.....	.....	C. O. Knoll	540 00	9	10	101	97	68	23	25.84		2 40.00
.....	1139	W. A. Pfo	1150 00	9	12	353	343	260	80	333.62		9 45.00
.....	961	F. G. Robb	900 00	9	12	271	278	234	71	323.74		6 47.00
.....	607	J. O. Murphy	675 00	9	10	198	184	132	49	236.41		3 41.67
.....	239	M. F. Euenbach ..	450 00	9	11	92	94	64	15	89.00		3 37.00
.....	204	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....
.....	437	Mamie Zaelke ...	400 00	3	10	140	109	80	34	2.54		3 40.00
.....	253	E. F. Snow ...	540 00	9	10	81	80	57	11	2.33		2 40.00
.....	623	Anna Boden	540 00	9	10	130	152	124	34	20.79		4 37.50
.....	808	Ryron J. Read	810 00	9	12	260	243	169	67	216.46		5 45.00
.....	476	George Fallor ...	630 00	9	12	.....	150	28	4	.....		1 49.00

SPECIAL LIBRARY REPORT.

Counties.	Number of volumes in the libraries.	Amount of money expended from district funds for library books.	Amount expended raised by voluntary efforts.	Volumes purchased during the year.	No. of rural schools provided with suitable library cases.	No. of sub-districts provided with libraries.	No. of independent districts provided with libraries.
Adair.....	4782	\$ 248.60	\$15.30	497	61	119	
Adams.....	2400	35.45	24.10	68	40	65	
Allamakee.....	5854	197.18	65.51	868	119	42	
Appanoose.....	4164	233.43	40.00	492	82	73	
Audubon.....	8408	189.54		872	95		
Benton.....	18342	335.17	988.37	2530	85	62	
Black Hawk.....	11164	440.71	632.80	3081	57	56	
Boone.....	12077	613.64	145.25	696	94	80	
Bremer.....	8408	138.78	15.33	471	78	21	
Buchanan.....	6714	207.11	35.35	336	45	71	
Buena Vista.....							
Butler.....	7986	270.50	278.21	760	85	98	
Calhoun.....	17853	261.24	350.00	1376	109	121	
Carroll.....	5074	624.66	61.25	682	48	34	
Cass.....	8291	165.82	174.04	407	65	67	
Cedar.....	7694	305.12	15.75	444	50	100	
Cerro Gordo.....	7674	197.50	20.00	442	94	108	
Cherokee.....	19460	197.95	30.80	275	128	126	
Chickasaw.....	5067	147.90	90.25	187	37	39	
Clarke.....	2575	174.68		229	32	76	
Clay.....	19665	203.50	25.00	444	92	12	
Clayton.....	9165	676.65	114.00	718	25	132	
Clinton.....	8322	420.46	925.00	1708	99	182	
Crawford.....	7351	524.08	24.00	641	69	141	
Dallas.....	8153	763.09	76.00	1500	110	114	
Davis.....	2457					34	
Decatur.....	3607	81.90	152.80	537	60	39	
Delaware.....	6825	304.10		542	122	111	
Des Moines.....	3378	104.15	70.75	383	13	22	
Dickinson.....	4518	122.23	14.60	273	32	10	
Dubuque.....	8377	450.00	1155.00	2800	117	63	
Emmet.....	9287	149.04	785.00	298	76		
Fayette.....	11887	197.25	145.23	549	45	87	
Floyd.....	835	193.72	122.50	565	90	90	
Franklin.....	664	259.19	22.50	501	66	102	
Fremont.....	7905	228.45	69.00	550	112	93	
Greene.....	5056	205.06	8.50	387	86	122	
Grundy.....	455	278.73	33.75	365	70	75	
Guthrie.....	5181	652.80	187.00	663	101	110	
Hamilton.....	5021	276.47	9.80	542	132	107	
Hancock.....	6472	393.54	187.67	1084	97	127	
Hardin.....	7701	240.3	5.00	514	61	76	
Harrison.....	655	379.64	43.54	642	57	41	
Henry.....	6547	101.85	14.80	209	55	63	
Howard.....	4879	143.41	119.00	400	35	32	
Humboldt.....	8730	152.95	238.62	783	64	72	
Ida.....	7307				86		
Iowa.....	10768	227.41	234.45	1402	78	76	
Jackson.....	408	128.15		61	57	30	
Jasper.....	644	146.77	53.82	501	117	142	
Jefferson.....	327	182.50	79.50	432	32	60	
Johnson.....	1017	222.69	315.00	1102	90	114	
Jones.....	10293	205.28	89.65	435	100	70	
Keokuk.....	7658	233.55	22.80	760	51	24	
Kossuth.....	8155	602.75	450.45	2602	107	128	

SPECIAL LIBRARY REPORT.

Counties.	Number of volumes in the libraries.	Amount of money expended from district fund, for library books.	Amount expended raised by volun- tary efforts.	Volumes purchased during the year.	No. of rural schools provided with suit- able library cases.	No. of sub-districts provided with libraries.	No. of independent districts provided with libraries.
.....	6258	258.17	7.87	479	63	46	81
.....	13,21	474.50	54.60	743	124	105	65
.....	6187	195.91	68.78	832	50	58	15
.....	4193	246.23	95.48	799	42	38	57
.....	6792	398.70	.....	810	46	71	10
.....	4013	829.23	50.00	453	90	78	17
.....	6449	256.72	116.65	618	40	62	59
.....	6822	892.53	95.79	725	14	22	100
.....	8481	682.00	125.09	712	65	79	87
.....	12426	157.42	31.84	401	70	1	55
.....	11772	169.04	.....	834	8	51	38
.....	3708	129.71	6.00	854	12	72	4
.....	809	171.96	79.00	416	25	72	80
ry.....	6442	71.01	.....	118	60	78	18
.....	4231	59.14	20.00	164	.....	.....	.....
.....	17777	175.54	158.60	455	133	191	.....
.....	11528	90.01	260.45	968	88	91	.....
.....	6138	860.02	117.96	855	82	88	84
.....	24675	282.51	.....	6575	139	133	.....
.....	8715	405.82	73.00	814	89	119	1
.....	13199	101.07	258.79	676	84	124	7
.....	9087	535.90	27.96	1177	62	77	70
amie.....	18188	673.98	133.00	1673	222	214	15
.....	6099	464.18	22.52	692	40	114	15
.....	4418	201.83	20.00	328	6	78	29
.....	10207	225.54	680.16	1690	120	132	.....
.....	12949	505.20	.....	1012	69	72	23
.....	9556	529.00	400.00	.....	135	188	.....
.....	11226	265.25	18.50	515	106	157	2
.....	6608	595.52	.....	850	114	114	16
.....	9,061	\$ 831.06	\$ 56.25	832	80	95	78
.....	8,666	135.36	72.75	370	86	79	15
.....	5,717	105.10	.....	230	29	106	18
n.....	3,859	137.78	69.21	321	26	62	84
.....	29,067	297.88	232.18	828	70	55	88
.....	6,681	312.00	80.50	620	80	52	80
n.....	13,120	256.73	112.45	1,342	90	50	72
.....	5,702	391.89	242.67	974	46	92	22
.....	15,650	370.40	228.62	838	117	136	84
o.....	4,696	150.61	44.80	813	41	77	5
k.....	8,612	324.14	21.15	829	90	98	32
.....	9,917	376.52	339.13	527	189	84	9
.....	4,358	481.09	192.25	1,224	75	87	.....
.....	12,036	151.63	186.00	990	126	123	8
.....	779,984	\$27,653.08	\$13,622.92	78,791	7,524	8,215	2,622

Conditions and Needs

== of ==

owa Rural Schools.

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- 1. Country School Statistics.**
 - 2. The Country School Problem.**
 - 3. Present Status of Consolidation.**
 - 4. One Phase of the Teacher Problem.**
 - 5. School Buildings and Grounds.**
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JOHN F. RIGGS,

Superintendent of Public Instruction.

1905.

**DES MOINES:
B. MURPHY, STATE PRINTER.**

INTRODUCTION.

It was our purpose to secure accurate and complete reports from every rural school in Iowa, showing the enrollment, average daily attendance, length of the school year and salaries of teachers; but many secretaries found it impossible to furnish the data asked for, but 10,019 schools reporting out of a total of 12,521. By reference to Table No. I the number of rural schools maintained in each county may be seen, as also the number of schools reporting.

While the statistics are incomplete, they are sufficiently full to show conditions as they actually exist in this State. In Tables III, IV and V, showing average daily attendance, fractions of less than one-half are omitted, while fractions of one-half or over are counted as units.

This report is issued in the hope of awakening greater public interest in the rural schools, to the end that country children may be gathered in better schoolhouses, trained by better teachers and have that training extend through a longer school year without the interruptions now so common in the frequent change of teachers.

TABLE No. 1.

Counties.	Number rural schools.	Number rural schools reporting.	Number in session last year, 6 months or less.	Number in session more than 6 and less than 7 months.	Number in session 7 months.	Number in session more than 7 and less than 8 months.	Number in session 8 months.	Number in session more than 8 and less than 9 months.	Number in session.
Adams	104	88	22		1		4	11	11
Audubon	104	104	22				9	10	19
Adair	187	119	1				2	20	19
Appanoose	118	88	42	8	11		5	14	9
Allamakee	196	46	6		28		1	11	1
Benton	169	128	4		6		7	68	21
Buchanan	182	182	3		5		2	65	13
Boone	146	121	8		22		11	61	16
Butler	185	78			2		9	52	11
Black Hawk	140	106	2	2	4		3	69	6
Buena Vista	128	68	2		17		2	21	
Bremer	97	72	11	4	18		4	22	5
Cass	140	118	1	1			2	54	18
Clayton	167	151	12	1	16		18	77	17
Carroll	184	66	2	1	5		1	21	9
Chickasaw	169	51	1	1	10		5	25	6
Crawford	166	77			1		3	51	5
Calhoun	188	180	8		5		8	101	2
Cerro Gordo	184	117	4	1	9		8	67	15
Clay	128	118	1	1	2		4	69	6
Clinton	187	167	1	1	1			68	7
Cherokee	182	117	2		1		1	65	10
Clarke	102	85	4	8	22		9	45	4
Cedar	189	138	8				18	89	19
Dallas	189	100	1	1	3		1	78	5
Dickinson	72	24		1	1		4	14	1
Davis	96	84	47	2	19		4	10	1
Des Moines	84	62	2		8		6	39	9
Decatur	111	56	17	1	8		8	26	1
Delaware	180	96		1	1		4	50	16
Dubuque	134	115	2	1	2		8	49	2
Emmet	74	67	4		11		1	41	1
Fayette	175	123	5		14		15	64	19
Floyd	118	111	1	9	8		28	68	10
Franklin	187	117	5		2		4	92	11
Fremont	117	109	8	1	12		2	24	11
Greene	186	102			1			60	29
Grundy	118	96			8		6	50	10
Guthrie	142	129		2	1		6	96	6
Hamilton	183	123	8	2	20		19	68	9
Harrison	146	68						41	1
Hancock	122	108	2		24			52	5
Hardin	129	78	1		18		9	44	6
Henry	97	87	2	2	10		18	47	12
Howard	98	98			1		8	60	5
Humboldt	108	99			18		15	50	6
Ia	99	86						71	
Iowa	126	121	5	1	8		8	74	9
Jackson	188	77	1		2		1	86	5
Jasper	177	180			4		5	66	37
Jefferson	98	91	2		15		39	31	4

TABLE No. I—CONTINUED.

Counties.	Number rural schools.	Number rural schools reporting.	Number in session last year, 6 months or less.	Number in session more than 6 and less than 7 months.	Number in session 7 months.	Number in session more than 7 and less than 8 months.	Number in session 8 months.	Number in session more than 8 and less than 9 months.	Number in session 9 months.
.....	155	115	7	.....	6	7	57	7	54
.....	130	113	10	.....	4	9	55	24	10
.....	125	111	7	.....	12	15	45	9	6
.....	211	178	8	.....	7	4	107	10	41
.....	101	91	15	.....	35	5	28	8	2
.....	187	180	2	8	17	26	51	18	18
.....	78	74	1	.....	8	7	45	1	17
.....	90	85	5	.....	8	6	21	4	7
.....	127	85	.....	.....	2	1	21	8	56
.....	124	72	.....	.....	18	5	50	8	1
.....	126	94	1	.....	4	20	48	10	11
.....	125	85	0	.....	18	4	9	4	20
.....	126	121	1	.....	7	10	66	30	3
.....	81	79	1	.....	4	.....	30	8	38
.....	80	61	.....	.....	17	8	18	11	6
.....	142	132	.....	.....	.....	.....	25	10	37
.....	92	92	10	.....	45	6	20	2	8
.....	108	96	2	.....	9	4	66	11	1
.....	87	82	.....	.....	6	4	10	8	24
.....	123	128	1	.....	3	2	60	12	50
.....	90	66	2	.....	8	.....	44	6	5
.....	113	115	7	.....	21	4	44	12	26
.....	122	91	.....	.....	18	6	57	5	9
.....	176	187	.....	.....	1	17	64	14	40
.....	180	125	7	.....	29	.....	68	1	17
.....	142	139	11	.....	14	2	61	11	28
.....	226	155	1	.....	1	7	24	24	107
.....	122	105	4	.....	2	8	72	17	8
.....	126	117	4	.....	17	10	82	5	4
.....	180	126	.....	.....	2	3	66	20	21
.....	108	66	.....	.....	.....	.....	1	5	63
.....	122	75	.....	.....	.....	.....	21	9	43
.....	170	159	1	.....	3	.....	14	2	120
.....	122	102	2	.....	10	10	62	13	.....
.....	167	142	3	.....	7	16	94	14	7
.....	118	74	1	.....	1	6	52	8	7
.....	106	101	.....	.....	8	18	50	18	19
.....	109	98	14	.....	24	3	49	2	3
.....	95	87	.....	.....	16	12	45	2	12
.....	180	90	8	.....	22	22	64	4	3
.....	128	122	1	.....	19	24	62	10	5
.....	117	86	9	.....	49	.....	22	.....	3
.....	174	168	10	.....	43	12	88	7	6
.....	85	79	36	.....	21	1	15	1	3
.....	137	90	31	.....	35	8	14	2	3
.....	173	156	6	.....	6	2	45	12	32
.....	88	84	18	.....	34	3	14	1	3
.....	128	113	2	.....	7	5	66	3	12
.....	12,521	10,019	469	114	1,016	650	4,947	865	1,958

TABLE No. II.

County.	Number of Districts Having a School Enumeration of.						Number of Schools Enrolling Fall Term																
	1 to 5.	6 to 10.	11 to 15.	16 to 20.	21 to 25.	More than	6 or less.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16 to 20.	More than	21.	22.	23.	24.
Audubon	1	3	5	5	5	50					1	3	2	3	4	4	4	31	3				
Adams	1	1	5	15	10	80					3	3	4	4	10	8	3	30	3				
Adair		1	5	17	21	48	1		2	3								30	3				
Appanoose			7	1	10	45							1	2	1			3	3				
Allamakee		1	4	8	10	25							1			3	1	3	3				
Benton		4	16	10	28	56	2	4	1	6	11	3	7	6	8	6	6	34	3				
Buchanan							3	2	2	4	8	5	6	6	7	11	6	40	3				
Boone		1	12	10	18	79	2	2	3	1	2	2	1	3	5	5	9	23	3				
Butler		3	10	10	13	27	4	2	4	2	5	7	2	3	9	9	9	27	3				
Black Hawk			9	18	19	74	2	1	3	5	5	7	3	6	6	9	7	27	3				
Buena Vista		2	5	16	12	38	3	1	3		3	3	3	5	5	9	5	17	3				
Bremer	2	2	6	4	11	33	2		2	1	3	2	3	4	3	2	4	9	3				
Cass			10	20	22	54	4	1	4	3	4	4	2	1	5	6	9	30	3				
Clayton	1	3	4	13	7	104	2	1	2	1	2	2	2	4	6	2	4	19	3				
Carroll		3	9	1	15	27	4	6	1	3	10	3	4	6	3	5	4	11	3				
Crawford		9	7	2	21	36	2		2	3	3	3	3	4	3	2	4	20	3				
Calhoun	1	2	12	23	20	46	1	2	4	5	8	5	11	7	10	7	9	33	3				
Cerro Gordo		9	20	25	21	35	2	4	10	10	10	3	6	5	5	6	9	21	3				
Clay	1	7	24	20	19	43	3	1	6	3	10	3	3	4	6	6	6	25	3				
Clinton		1	12	25	24	92		3	2	2	4	10	5	10	6	8	13	33	3				
Charokey		3	14	21	25	38		3	3	3	5	12	9	4	3	4	7	34	3				
Chickasaw			4	5	7	23	1		1	1	1	4	1	3	3	1	3	8	3				
Clarke	1	2	15	16	16	40		3	4	3	3	4	3	1	9	3	4	24	3				
Cedar		3	12	14	22	46	4	1	5	2	7	6	9	15	7	10	11	34	3				
Dallas		3	13	8	14	33	3	1		3	2	2	5	5	6	6	5	20	3				
Dickinson			3	4	9	3		1		3		2		4	1	1	1	2	3				
Davis		1	5	4	13	35						1		1	3	1		10	3				
Des Moines		1	4	10	4	49				1	2	3	3	1	1	5	1	11	3				
Decatur		2	6	5	8	42	1					3	1	1	3	1	3	17	3				
Delaware		2	4	3	10	43	1	2	3	2	3	4	5	5	5	5	5	21	3				
Dubuque	1	4	2	4	8	31	6	3	1	2	5	2	2	5	5	2	3	15	3				
Emmet		4	9	22	14	23	1		1		1	1		1		1		23	3				
Fayette		1	4	17	11	63		1	2	3	2	5		5	5	9	5	35	3				
Floyd		9	10	25	27	41	2	4	2	4	5	15	7	3	7	6	11	35	3				
Franklin	1	3	14	24	25	43	3	3	2	7	3	5	7	3	6	3	5	13	3				
Fremont	2	3	12	12	16	42	2			3	2	3	4	7	6	5	3	23	3				
Greene		2	11	17	23	44	1	2	4	4	4	4	5	1	9	6	7	31	3				
Grundy		2	11	15	17	33	3	2	4	4	5	3	9	6	5	10	4	13	3				
Guthrie		3	7	10	8	57	5	1	2	2	9	3	3	6	10	5	10	47	3				
Hamilton		2	5	13	23	35	2	1	2	2	2	5	2	6	7	10	3	23	3				
Harrison		1	4	6	9	42	1	1	1	2		2	1	1	3	3	4	11	3				
Hancock	1	7	19	14	22	44	1	7	2		6	3	3	5	3	7	3	23	3				
Hardin		5	6	15	12	43	3	4	2	2	2	3	1	3	5	3	4	20	3				
Henry		1	7	14	3	51			1	3	3	6	7	4	4	4	6	17	3				
Howard		1	5	13	14	35	1	1	3	3	4	5	6	6	2	7	7	22	3				
Humboldt		5	6	16	12	43	2	1	3	4	5	5	3	4	2	6	6	30	3				
Ida			7	22	20	47		1	1	2	4	5	3	4	9	9	3	34	3				
Iowa		2	4	14	13	36	1	1	3	4	4	3	7	3	12	3	7	31	3				
Jackson			5	7	16	45		1	3	2	3		4	6	1	2	3	11	3				
Jasper	1	3	7	13	16	54	3	3	2	3	6	2	4	3	4	5	3	20	3				
Jefferson		1	7	7	4	50			1	1	2	3	1	4	6	3	1	15	3				

TAE

County.	Number of Districts Having a School Enumeration of:					Number of Schools Enrolling P													
	1 to 4	5 to 10	11 to 15	16 to 20	21 to 25	More than 25	5 or less	6	7	8	9	10	11	12	13	14	15	16	17
Johnson.....	3	6	18	20	30	30	2	2	4	5	2	6	7	5	7	4			
Jones.....	2	9	19	23	33	33	2	2	4	4	3	5	8	4	7	5			
Keokuk.....	1	10	19	20	75	75	2	3	1	6	8	6	3	2	7	7			
Kossuth.....	5	6	20	47	33	55	8	4	9	10	12	13	11	12	13	14			
Lee.....	1	8	16	16	32	32	2	1	1	1	1	2	2	2	2	2			
Linn.....	4	7	9	17	34	34	2	2	3	2	5	4	3	3	3	3			
Louis.....	1	8	5	12	33	33	1	1	1	1	2	2	2	1	1	2			
Lucas.....	1	1	3	6	33	33	1	1	1	1	1	2	2	1	1	1			
Lyon.....	4	10	6	17	36	36	5	1	5	1	1	1	4	5	10	2			
Madison.....	2	3	10	23	34	34	1	1	1	1	1	4	1	1	3	5			
Mahaska.....	1	2	12	12	70	70	1	3	1	1	1	2	1	1	3	3			
Marion.....	1	10	4	1	14	47	1	1	1	1	1	1	2	1	7	2			
Marshall.....	1	10	11	19	30	35	5	4	2	7	4	11	6	4	10	3			
Mills.....	1	8	8	12	55	55	1	1	1	1	1	4	2	2	2	3			
Mitchell.....	1	2	5	13	31	31	1	1	2	3	3	1	1	4	3	3			
Monona.....	3	13	11	14	46	46	3	3	6	6	2	7	3	7	4	3			
Monroe.....	1	5	8	13	35	35	1	1	1	1	1	2	2	1	1	2			
Montgomery.....	4	7	17	16	23	23	3	1	1	4	2	3	1	5	3	3			
Muscataine.....	1	4	9	6	31	31	1	1	2	1	2	4	4	1	1	2			
O'Brien.....	1	10	20	36	53	53	1	3	4	5	1	3	4	5	10	5			
Osceola.....	1	2	11	13	23	23	2	2	1	1	3	1	7	4	3	1			
Page.....	1	2	17	12	75	75	2	2	1	2	4	3	3	1	3	3			
Palo Alto.....	4	19	20	9	25	25	1	2	1	4	3	6	1	3	3	3			
Plymouth.....	2	4	24	23	30	30	1	1	2	3	3	11	3	5	12	3			
Pocahontas.....	1	6	11	24	33	33	2	2	2	5	1	2	3	3	3	3			
Polk.....	1	9	9	21	33	33	1	1	1	2	2	4	3	3	3	2			
Pottawattamie.....	2	4	14	14	33	33	1	2	1	5	4	2	3	12	10	10			
Poweshiek.....	1	2	22	14	42	42	4	2	4	5	3	4	4	10	3	4			
Ringgold.....	3	12	22	21	54	54	1	1	1	1	6	6	2	4	3	3			
Sac.....	7	10	26	30	50	50	6	2	3	4	10	7	5	11	11	7			
Scott.....	1	1	4	9	43	43	1	1	1	1	1	1	1	1	4	3			
Shelby.....	1	5	5	15	40	40	2	1	2	3	2	4	3	3	4	3			
Sioux.....	2	3	16	33	73	73	2	2	4	2	4	3	5	12	3	3			
Story.....	1	6	18	22	49	49	1	1	2	5	4	3	5	6	3	3			
Tama.....	3	3	17	26	30	30	5	2	4	4	4	6	9	7	7	10			
Taylor.....	1	5	6	21	33	33	1	1	1	1	1	3	3	2	4	1			
Union.....	1	6	9	10	37	37	2	1	5	3	7	4	3	3	3	3			
Van Buren.....	4	7	13	14	66	66	1	2	1	2	1	1	11	1	3	7			
Wapello.....	1	7	9	10	71	71	1	1	2	2	4	1	3	2	2	2			
Warren.....	3	6	11	13	59	59	1	1	1	1	1	6	2	3	2	3			
Washington.....	1	15	19	23	33	33	1	2	7	5	1	4	3	5	3	10			
Wayne.....	1	2	9	13	55	55	1	1	1	1	1	2	3	1	3	1			
Webster.....	1	7	29	30	37	37	1	5	5	4	9	3	5	3	3	3			
Winnebago.....	2	1	9	9	50	50	1	1	2	2	2	1	1	1	1	2			
Winnechick.....	2	1	6	9	53	53	1	2	1	2	2	1	1	1	4	1			
Woodbury.....	5	15	14	24	35	35	2	3	3	2	5	6	4	10	4	14			
Worth.....	1	1	4	8	19	19	1	1	1	1	1	1	2	1	1	1			
Wright.....	5	7	25	15	51	51	1	1	5	3	5	7	3	7	7	3			
Total.....	31	276	773	1344	1806	5299	163	133	213	263	335	395	323	445	493	511			

TABLE No. III.

FALL TERM 1903.

Number of schools having an average daily attendance of:

Counties.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 to 20	More than 20
Audubon				2	1	1	3	4	4	7	10	8	9	6	8	22	1
Adams				1	1	1	3	3	5	3	2	7	3	5	4	16	
Adair				3	1	7	5	6	9	6	7	10	10	15	8	24	1
Appanoose					1		1		1		3	4	5	4	1	11	2
Allamakee							1	1			6	1	1	2		8	
Benton	1		1		7	7	5	12	8	9	9	6	7	10	3	24	1
Buchanan		3			3	9	6	3	6	11	11	7	3	11	12	22	1
Butler			1	5	4	2	6	9	11	11	14	11	9	5	11	24	1
Boone				3	4	1	2	3	4	8	7	6	9	6	5	23	1
Black Hawk				1	3	2	7	6	12	8	10	5	5	5	17	25	1
Buena Vista		1	3		3	3	6	1	5	5	3	9	7	6	4	5	
Bremer		1		2	3	1	2	6	3	2	4	6	1	4	1	3	
Cass			3	1	6	3	1	3	3	3	3	5	17	7	9	34	
Clayton			2	2	2	2	4	3	1	6	4		4	9		17	1
Carroll		2	2	3	5	6	7	6	3	7	3	3	1	4	2	9	
Crawford			2	2	2	2	3	3	9	6	2	9	4	3	1	16	
Calhoun			1	5	1	3	3	10	5	12	14	6	12	15	4	13	
Carro Gordo			1	1	10	12	10	10	3	4	16	4	9	6	6	13	
Clay			4	5	4	6	11	8	6	7	8	7	10	6	3	13	
Clinton				2	1	1	4	14	7	13	12	11	3	10	10	31	1
Cherokee			1	2	3	7	5	10	10	3	10	7	12	7	3	23	
Chick saw			1			1	4	2	4		3	3	3	4	2	8	
Clarke					3	4	3	5	5	6	6	9	1	1	6	23	1
Cedar			1	3	3	1	6	2	13	3	13	13	11	6	11	23	1
Dallas			1		2	3	3	6	7	3	3	6	3	7	4	21	1
Dickinson			1		2		4	3	4	1	3	1	1		1	6	
Davis							2	4	4	1	5	4	1		5	15	1
Des Moines			1				3	2	4	1	3	2	4	3	4	14	1
Decatur				2		1	2	1	2	3	6	2	2	4	3	13	1
Delaware				2	4	3	7	7	10	10	2	3	6	10	3	21	1
Dubuque		1	3	4	5	3	4	7	6	2	4	7	7	4	6	12	2
Emmet				1	1		3			1	1	1	2	1		2	
Fayette				1	1	6	1	5	3	7	7	12	4	4	9	27	1
Floyd					3	3	2	10	3	12	6	10	7	7	2	17	
Franklin				3	3	3	10	6	10	7	7	5	9	9	6	9	
Fremont		1	1			4	5	7	5	5	3	7	10	2	5	23	2
Greene					3	7	3	5	7	10	3	7	12	5	9	19	
Grundy	1		1	2	5	2	3	3	7	7	7	6	4	9	2	16	
Guthrie		1	3	2	4	1	5	9	6	10	11	13	5	9	3	30	
Hamilton			1		2	1	3	3	3	16	3	10	6	6	7	27	
Hancock		1	1	5	7	3	3	5	5	9	7	6	7	4	2	12	
Hardin		1		3	5	3	5	7	3	1	5	3	4	7	4	7	
Harrison			1		2	2		2	3	3	1	4	3	4	5	21	
Henry					5	5	3	7	2	4	7	7	4	3	5	16	
Howard			2	5	5	5	3	3	3	1	5	5	6	3	3	21	
Humboldt			2	2	2	4	6	3	6	5	6	9	6	4	2	11	
Ida				1	2	3	4	5	3	10	5	12	3	5	7	13	
Iowa			2	1	4	6	1	3	4	10	11	3	14	3	6	24	
Jackson				3		3	5	6	5	4	3	2	3	4	7	11	
Jasper		1	1	2		6	3	5	3	12	6	3	3	6	9	27	
Jefferson						2	2	3	4	3	5	6	13	2	4	21	

TABLE No. III—CONTINUED.

FALL TERM, 1904.

Number of schools having an average daily attendance of:

Counties.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 to 20	More than 20
.....			1	1	2	4	14	5	6	11	8	5	19	11	14	22	25
.....			3	4	4	7	2	11	6	4	7	...	9	6	24	23	
.....		2	2	2	4	6	5	6	5	8	10	6	7	4	20	37	
.....	4	5	6	18	10	12	12	14	14	15	14	6	7	4	15	4	
.....		2	1	1	...	4	8	...	8	3	2	2	2	2	8	9	8
.....		1	1	1	2	10	4	5	4	8	7	7	8	6	20	58	
.....		1	...	1	5	2	2	4	4	2	2	6	7	4	18	16	
.....		2	2	4	5	4	8	2	6	9	10	10	8	2	21	11	
.....															10	8	
.....		1	1	2	1	2	1	3	3	4	6	11	1	6	11	19	
.....			1	2	...	3	2	3	3	1	3	6	9	1	6	20	30
.....			1	1	...	1	3	1	4	5	5	8	6	2	15	16	
.....	2		2	7	6	9	7	4	9	11	6	10	8	9	23	15	
.....					2	2	2	5	3	5	5	3	2	7	13	21	
.....		2	1	1	2	9	13	8	6	4	4	2	1	4	9	8	
.....		3	1	8	1	1	1	2	1	2	3	3	4	3	3	28	6
.....			1	1	1	7	5	5	2	7	7	10	8	6	15	11	
.....				1	2	1	1	3	5	4	3	4	5	8	14	11	
.....			2	2	3	3	5	4	6	8	2	8	8	2	1	7	1
.....		1	1	...	2	3	2	3	3	2	1	6	8	8	10	27	25
.....		1	1	1	5	5	8	3	3	7	4	5	6	4	7	3	4
.....		1	6	6	9	13	11	16	8	8	12	2	5	3	19	5	
.....		1	2	5	5	7	6	11	7	9	9	8	6	10	17	5	
.....			5	2	5	3	3	3	4	5	10	3	10	10	25	31	
.....	1	1	1	6	2	9	10	12	12	6	17	12	9	12	32	13	
.....	1	1	1	6	4	3	3	9	11	6	1	6	9	3	20	8	
.....				2	3	7	5	6	3	5	4	9	3	3	17	15	
.....		4	4	...	5	14	4	11	12	11	6	6	7	6	23	9	
.....					1	1	2	1	2	3	1	5	...	4	8	13	
.....		2		2	2	5	7	5	5	7	4	3	6	9	15	6	
.....	1	2	4	5	7	4	9	11	13	12	8	14	11	11	24	13	
.....	1		1	3	3	5	4	7	7	7	7	10	6	8	20	10	
.....		2	3	4	3	8	10	9	10	5	13	11	10	10	29	20	
.....			1	...	...	2	3	4	2	5	5	4	4	4	19	13	
.....		1	2	3	5	5	7	3	9	5	5	3	4	3	19	16	
.....		1	...	...	4	2	1	5	3	3	4	4	3	7	23	29	
.....				1	4	2	3	3	4	4	4	4	...	5	31	31	
.....			2	2	3	3	2	3	6	6	4	10	9	3	26	34	
.....				1	...	3	...	1	8	8	8	...	1	4	13	16	
.....	1	1	2	6	4	5	12	13	8	7	7	7	4	9	24	16	
.....		2	1	1	1	3	2	2	2	1	3	8	7	2	2	1	
.....		1	4	1	4	1	4	1	3	3	1	3	2	1	6	4	
.....		1	4	6	10	9	6	15	14	10	11	7	12	6	25	11	
.....			1	...	3	3	2	2	2	3	2	3	...	2	7	8	
.....	1	1	2	7	5	7	6	5	3	6	7	11	3	5	23	7	
.....	3	23	65	145	298	346	450	517	576	581	616	595	616	555	523	1,333	1,306

TABLE No. IV.

WINTER TERM 1903-04.

Number of schools having an average daily attendance of

County.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 to 20	More than 20
Audubon.....					2	3	3	1	3	1	4	4	4	3	10	15	1
Adams.....				1			4	4	4	5	5	7	8	8	6	12	
Adair.....		1	2		4	4	2	4	2	2	6	9	11	6	10	27	
Appanoose.....					1									6	7	13	
Allamakee.....				1	12	1		3		3	1	3	3	3	3	7	
Benton.....			2	2	5	5	3	7	5	7	6	9	11	11	5	34	
Buchanan.....			1	1	2	2	7	5	5	9	7	10	10	8	10	25	
Butler.....			2	2	3	5	9	2	10	11	7	11	8	8	15	22	
Boone.....			1	2	4	3	3	4	2	6	12	11	12	9	7	40	
Black Hawk.....				2	2	4	4	3	11	12	12	18	6	7	5	15	
Buena Vista.....				1	3	3	3	2	4	3	4	11	4	7	3	5	
Bremer.....			1	3	2	3	2	3	7	6	3	3	5	3	4	11	
Cass.....			1	2	4	4	2	5	4	4	5	13	4	6	13	27	
Clayton.....			3	5	5	3	3	3	2	7	6	6	6	6	16	31	
Carroll.....			2	2	3	2	2	3	1	3		3	3	3	3	10	
Crawford.....		1	2	3	3	3	3	3	3	3	3	3	3	3	3	13	
Calhoun.....				3	3	3	3	3	11	3	10	12	3	3	3	23	
Cerro Gordo.....		1	1	7	2	6	11	11	6	7	3	11	5	7	6	20	
Clay.....			3	3	10	10	10	7	10	3	6	7	7	3	3	23	
Clinton.....		1			3	3	10	3	10	13	3	13	3	12	13	34	
Cherokee.....				1	3	3	5	11	10	3	15	4	4	10	9	27	
Chickasaw.....				1	1	1	2		4	4	3	3	7	3	1	14	
Clarke.....					2	2	3	5	3	3	2	7	3	6	3	17	
Cedar.....				2	4	3	3	7	5	11	3	10	12	6	13	31	
Dallas.....				2	1	5	3	6	1	6	5	5	7	7	3	22	
Dickinson.....			1	1	1	4	3	5	3	4	2	3	4	4	3	21	
Davis.....				2	1		3	3	3	3	3	3	2	2	2	23	
Dee Moines.....			1		1	2	3	3	1	3	3	3	2	3	4	19	
Decatur.....				2		3	2		3	3	4	4	3	2	3	22	
Delaware.....				4	3	3	4	3	3	3	11	3	10	3	3	21	
Dubuque.....		1	2	3	1	5	3	3	4	2	4	1	4	3	7	4	
Emmet.....		1	2	3	1	2	3	4	2	3	3	6	4	2	3	9	
Fayette.....						3	3	10	3	12	10	7	7	11	7	9	
Floyd.....		1		5	4	3	4	5	3	10	9	5	3	12	3	24	
Franklin.....			2	2	2	5	4	10	3	10	10	3	3	3	3	24	
Fremont.....			3		2	2	12	3	3	3	3	3	13	2	3	23	
Greene.....				3	3	3	4	3	7	13	9	10	4	11	7	17	
Grundy.....		1		3	4	4	3	3	4	7	10	11	3	5	2	20	
Guthrie.....			2	2	3	3	3	3	2	15	10	11	7	11	11	31	
Hamilton.....			1	1		1	4	2	5	3	12	3	10	3	3	23	
Hancock.....		1	2	1	2	2	3	3	7	3	7	3	3	3	3	22	
Hardin.....			1	2	4	3	4	4	4	3	3	3	3	3	3	19	
Harrison.....					1	4	1	4	5	3	3	3	2	3	1	20	
Henry.....			1		2	11	5	5	7	5	3	3	4	3	5	18	
Howard.....				2	3	3	2	7	5	7	5	15	5	5	3	23	
Humboldt.....			1	4	2	3	3	4	3	4	3	10	5	2	3	20	
Ida.....						1	1	3	2	12	3	13	3	3	2	23	
Iowa.....				3	3	3	3	3	4	3	14	10	3	3	11	33	
Jackson.....			1	1	2	1	4	3	7	2	7	2	2	3	3	12	
Jasper.....		1			3	3	3	7	11	7	14	3	4	3	12	25	

TABLE No. IV—Continued.

WINTER TERM 1903-1904.

Number of schools having an average daily attendance of:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 to 20	More than 20
.....			1	3	1	2	4	1	2	7	9	4	4	8	4	17	25
.....			1	3	4	5	5	8	11	4	9	11	8	11	2	22	31
.....			2	2	4	2	1	7	5	6	9	7	5	5	12	32	17
.....	1	5	3	7	10	21	13	20	26	11	14	15	12	4	24	33	24
.....			4	1	1	2	4	4	4	2	5	2	4	5	5	14	19
.....			1	4	5	1	2	4	9	5	8	7	4	9	8	23	37
.....			1	1	1	8	3	5	6	2	5	5	5	9	7	10	7
.....			2	9	2	1	7	3	4	8	6	9	8	5	3	20	16
.....			2	2	2	1	7	3	4	8	6	9	8	5	3	22	9
.....	1		1	1	1	1	1	3	5	5	5	4	5	5	2	23	13
.....			2	2	1	1	4	2	2	5	4	7	3	7	5	22	16
.....			2	2	2	2	9	12	5	9	9	8	7	10	4	24	11
.....			2	2	2	2	9	12	5	9	9	8	7	10	4	24	21
.....			1	1	1	2	2	2	2	7	4	7	6	3	2	14	5
.....			2	1	10	14	8	6	8	10	4	9	6	7	6	25	8
.....			2	1	1	1	3	4	1	8	10	5	5	6	8	27	26
.....			2	2	5	1	5	1	8	10	5	15	6	8	4	14	10
.....						1	1	2	8	6	6		3	6	5	12	17
.....	1			1	1	1	2	5	9	7	14	8	14	14	6	22	9
.....				2	1	2	2	7	8	5	7	9	2	5	4	12	7
.....			2	1	3	3	3	7	6	7	1	7	9	9	7	31	17
.....			1	4	1	3	3	13	7	10	6	7	9	4	2	18	7
.....	1	5	2	2	5	2	2	12	8	16	5	9	10	8	9	23	5
.....				6	6	6	3	13	6	8	7	13	11	10	11	19	13
.....				4	4	4	7	7	6	8	8	5	5	11	9	25	37
.....			5	3	3	3	4	6	7	6	9	11	6	7	5	43	23
.....			5	3	3	3	4	6	7	6	9	11	6	7	5	24	6
.....	1			4	3	1	5	4	12	6	6	9	1	4	3	31	3
.....			2	1	3	7	6	12	6	9	13	11	6	4	9	26	19
.....				1	1	3	1	2	1	1		4	3	3	1	13	23
.....				1	4	4	4	3	8	3		5	13	7	4	21	9
.....			2	1	5	5	5	6	9	13	8	11	12	10	11	33	15
.....					2	2	4	6	7	14	6	7	5	6	8	24	13
.....			2	1	5	3	4	8	7	8	12	13	11	6	12	32	22
.....			1		1	1	3	5	3	5	4	4	3	7	6	30	10
.....				3	5	3	1	3	5	5	9	9	9	5	5	20	13
.....			1	1	1	1	3	6	6	5	5	7	7	9	3	31	23
.....					1	3	4	3	4	3	2	5	3	3	6	10	33
.....				1	1	4	1	3	3	3	3	4	3	3	1	20	34
.....			2	1	2	3	7	4	5	11	7	12	12	9	9	35	12
.....					2	2	2	6	5	5	5	5	3	1	6	20	16
.....			1	7	2	3	4	14	15	14	13	16	7	7	14	18	31
.....				1		2	3	2	7	3	4	6	7	8	9	15	4
.....			1		4	2	2	5	4	5	4	7	7	4	6	23	66
.....			1		6	10	9	15	11	9	13	10	11	9	10	29	19
.....				1		2	2	5	7	3	6	3	10	6	6	9	12
.....			1		2	5	11	9	6	8	2	9	9	7	5	22	14
.....	2	17	31	100	233	354	445	554	508	604	647	746	621	736	631	2,100	1,437

TABLE No. V.

SPRING TERM, 1904.

Number of schools having an average daily attendance of:

County.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 to 20	More than 20
Audubon			2		2	4	2	5	5	5	4	7	5	5	7	41	15
Adams				1		5	5	4	5	5	5	10	4	5	5	32	6
Adair		2	1	1	5	1	2	3	1	3	10	5	10	5	5	12	19
Appanoose						1	2	1	1	3	4	3	2	3	5	5	9
Allamakee																	
Benton			2	4	5	4	5	5	14	5	5	11	12	5	4	21	35
Buchanan		2		1	4	5	5	5	12	10	7	13	13	5	4	23	25
Butler				5	1	5	7	10	10	20	7	11	5	8	4	21	25
Boone			1	1	3	5	7	5	10	5	9	11	11	14	7	22	21
Black Hawk				4	4	4	3	4	10	5	7	13	7	5	12	25	13
Buena Vista			2	1	2	5	7	5	5	4	5	7	7	5	2	9	1
Bremer				2	3	4	1	5	5	5	3	5	5	5	2	9	7
Cass			2	4	5	5	5	5	5	7	12	5	5	5	5	25	15
Clayton			2	5	2	5	2	4	5	5	5	5	13	12	5	21	25
Carroll	1	2			4	7	4	5	3	10	5	5	5	5	1	15	5
Crawford			1	2	5	5	5	5	5	5	10	2	7	4	1	12	3
Calhoun				5	5	7	5	3	13	15	11	5	11	7	5	22	4
Cerro Gordo		1	5		7	14	3	5	10	4	11	5	5	5	4	15	5
Clay	1		1	5	7	5	7	11	5	5	10	5	5	7	5	15	5
Clinton			1	1	5	5	5	11	5	7	5	5	4	5	12	22	5
Cherokee			1	5	5	5	10	17	10	5	11	5	5	7	7	17	5
Chickasaw				1		2	1	2	1	3	5	2	5	4	3	14	7
Clarke			1			5	4	4	5	10	7	5	5	5	4	15	5
Cedar			1	3	4	4	5	4	11	11	11	5	10	5	5	22	5
Dallas			1	5		2	5	10	5	2	12	5	5	5	5	15	25
Dickinson			1	1	3	3	3	5	5	5	4	3	5		1	5	3
Davis					1	1	1	2	2	1	4		3		5	12	15
Des Moines			1		2	2	4	2	2	2	4	1	3	1	5	20	15
Decatur			1	2		2	5	1	5	3	2	5	5	11	5	12	15
Delaware			1	2	4	2	2	7	5	14	5	5	5	7	5	22	5
Dubuque	1	1	1	2	4	2	3	2	5	4	1	3		2	4	3	5
Emmet		3			1	4	1	3		1	3			2	1		
Fayette			1	1	1	2	10	5	5	7	5	5	5	3	7	37	25
Floyd		1		2	5	5	5	5	5	5	5	5	5	11	5	20	4
Franklin		1		3	1	7	5	10	15	11	12	5	5	4	5	15	5
Fremont			2	1	2	10	5	5	5	5	7	5	5	4	5	30	5
Greene			3	2	5	5	4	5	7	14	10	11	7	5	5	17	5
Grundy	1			4	3	5	7	5	11	5	5	10	5	5	2	19	5
Guthrie			1		3	5	5	10	10	5	11	11	11	11	7	25	15
Hamilton			1		3	2	3	5	5	12	15	5	15	13	10	25	5
Hancock				2	5	5	5	11	5	11	5	5	5	5	5	19	5
Hardin			2	1	5	5	5	2	5	10	4	5	5	7	4	14	11
Harrison			1			2	1	4	3	3	5	5	5	2	4	12	15
Henry				1	5	4	4	4	5	11	5	4	4	5	3	12	15
Howard		1			2	2	5	4	7	11	5	5	5	5	5	20	12
Humboldt		1	2	4	2	4	5	5	7	5	5	7	5	5	5	11	4
Ida			1	1	3	5	5	14	5	10	5	5	7	5	2	19	
Iowa			3	2	4	5	5	7	5	10	11	5	10	12	5	15	15
Jackson					2	4	4	7	5	4	3	5	4	5	5	15	10
Jasper			5	2	2	4	5	3	13	5	10	5	5	4	4	25	11
Jefferson				1	1	1	4	5	3	5	3	5	1	1	3	19	21

TABLE No. V—CONTINUED.

SPRING TERM, 1904.

Number of schools having an average daily attendance of:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 to 20	More than 20
...				2	7	6	11	8	5	11	5	7	7	12	4	26	19
...		1	1	2	4	6	4	7	10	6	11	8	6	5	2	29	23
...				1	4	4	8	5	7	4	8	6	8	7	2	26	19
...		4	2	2	11	19	29	25	17	10	10	16	15	9	9	20	9
...			1	2	4	2	4	4	...	5	4	6	5	5	4	8	13
...		1	1	1	2	4	6	5	1	13	9	7	5	5	7	29	11
...			1	1	2	2	2	1	5	4	7	5	5	5	7	18	11
...				1	1	2	2	4	2	...	4	4	6	1	4	17	7
...		1	2	4	8	5	7	10	6	8	6	6	5	7	9	15	4
...	1		1	1	1	3	3	...	5	4	3	3	5	6	5	10	11
...				1	1	3	1	3	1	8	4	9	5	5	7	22	21
...		1			2	1	2	2	7	3	4	5	3	4	5	18	19
...			1		9	9	5	10	6	15	7	11	11	5	9	29	10
...				2	5	2	4	4	2	4	5	8	5	5	4	16	12
...				1	1	4	4	4	4	4	7	2	2	2	2	15	8
...			2		5	8	8	13	15	10	7	7	7	6	5	21	6
...					1	4	2	2	1	8	8	4	2	3	4	23	24
...			1	2	2	4	11	6	14	11	5	8	2	2	5	12	4
...					2	2	1	5	1	8	3	5	5	...	7	11	13
...		2		2	6	7	9	11	12	7	12	13	9	9	5	21	3
...				4	2	9	4	10	6	6	5	8	3	3	3	5	4
...			1	1	8	6	1	10	9	3	10	5	5	5	9	27	13
...		2	1	2	4	6	9	14	13	12	8	8	2	4	2	10	7
...		1	5	3	6	7	13	13	6	13	11	12	3	5	5	19	1
...			1		4	5	7	11	11	11	11	12	9	6	5	23	3
...			1	2	5	7	1	10	6	6	8	15	7	14	6	22	30
...	1		1	4	5	8	3	7	20	12	17	13	12	9	9	25	15
...		1		2	4	6	8	5	12	5	5	6	5	6	4	23	11
...				2	5	3	2	7	9	7	6	9	4	6	6	15	7
...		1	1	1	3	6	10	6	10	9	3	11	13	12	5	21	5
...					3	1	1	...	5	4	5	2	4	6	4	17	16
...				7	1	4	6	6	4	6	5	7	8	7	6	11	6
...	1			1	1	12	6	9	9	9	15	13	16	13	3	35	9
...			1	3	3	8	4	7	3	8	3	9	9	5	10	19	3
...			2	3	7	5	10	7	3	7	9	5	12	9	7	23	19
...			1		6	2	5	3	1	2	5	10	4	5	4	23	6
...			2	5	7	5	5	4	7	3	5	...	6	6	6	15	12
...						2	4	2	3	6	5	6	8	6	8	20	15
...		1	1	2	2	2	1	3	4	6	6	6	5	5	4	14	63
...			1	1	1	2	7	4	7	5	3	4	7	2	5	19	25
...			1	1	3	7	4	6	5	4	7	3	11	10	7	37	9
...					2	...	5	5	2	5	7	9	8	7	7	20	12
...	1		3	6	6	3	9	13	15	9	9	7	12	10	9	28	13
...					2	3	7	4	5	3	5	3	9	2	6	13	4
...					3	6	5	5	5	5	7	3	4	5	7	23	16
...			2	5	7	14	12	14	9	7	13	15	9	4	9	23	10
...				1	1	9	3	5	12	4	6	8	3	5	3	13	14
...			1	1	5	6	4	11	4	11	11	9	7	6	6	24	9
...	9	29	31	170	318	474	521	545	707	705	698	703	650	600	525	1,917	1,114

TABL

Monthly Salaries Paid Rural Teachers for the School Year 1904

County	\$20			More than \$20 Less than \$25.			\$25.			More than \$25 Less than \$30.				
	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.
Adams	1						1			3			1	4
Andubon							11			32			19	15
Adair							14	11	29	5	21	6	10	22
Appanoose	3	1	21	1		5	8	8	4		15	1	1	12
Allamakee														
Benton				1			12		11	21	2	11	40	16
Buchanan						1	15	1	20	35		24	32	19
Boone	1					1	37		42	44	5	49	73	27
Butler							6	1	8	9		19	63	11
Black Hawk							13	1	15	26	8	25	73	22
Buena Vista							9	1	2	15	7	22	21	20
Bremer	5		8	20	8	21	13	13	21	11	28	22	1	22
Chickasaw	3		1	6		12	16	2	21	14	18	17	2	27
Cass									1	7	1	5	24	6
Clayton	18		1	6	2	18	29	1	48	9	20	26	6	55
Carroll								1	8	10		9	24	9
Crawford										7	6	12	39	45
Calhoun										38	6	26	32	19
Cerro Gordo						1	5		2	43	10	22	23	19
Clay							1		1	25	14	6	22	19
Clinton							29		1	42	4	26	56	20
Cherokee							1	2	3	2		1	8	8
Clarke	1						7	5	11	18	7	23	19	23
Cedar							11		1	12		18	65	2
Dallas							5		2	5		4	19	9
Dickinson												1	8	10
Davia	4		15	1	4		19	10	20	10	10	1	17	51
Des Moines							5		18	2	2	8	21	9
Decatur	2		1	8		11	29	18	41	9	16	10	12	23
Delaware	7			18		12	17		40	29	1	23	19	27
Dubuque	4		6	7	8	2	24	9	15	31	9	14	28	15
Emmet								1	2	2	1		2	7
Fayette	2		1	21		24	32	4	23	29	31	46	16	57
Floyd							2		1	30	14	68	15	29
Franklin				1			1	1	1	15	1	20	40	10
Fremont										1	1	1	32	9
Greene								1	2	18	4	11	24	25
Grundy										10		10	30	19
Guthrie										33	11	23	59	29
Hamilton							1			8	1	6	25	
Hancock													8	
Hardin		1					2			4	1	4	24	7
Harrison										7	5		35	13
Henry	2		3			5	31	2	43	17	1	9	21	15
Howard				15		7	7		5	29	7	51	22	13
Humboldt							2			29	10	25	21	22
Ida										3			1	1
Iowa			1	5	1	1	20	1	25	42	2	57	35	6
Jackson	2		1	14		7	32	1	39	11	21	17	4	21
Jasper							1			15		15	57	

No. VI.

Showing the Number of Schools Taught at the Salaries Named.

More than \$30 Less than \$35.	\$35.	More than \$35 Less than \$40.	\$40.	More than \$40 Less than \$45.	\$45.	More than \$45 Less than \$50.	\$50.	More than \$50.
Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.
17	17	16	17	17	16	17	17	16
27	27	26	27	27	26	27	27	26
28	28	27	28	28	27	28	28	27
29	29	28	29	29	28	29	29	28
30	30	29	30	30	29	30	30	29
31	31	30	31	31	30	31	31	30
32	32	31	32	32	31	32	32	31
33	33	32	33	33	32	33	33	32
34	34	33	34	34	33	34	34	33
35	35	34	35	35	34	35	35	34
36	36	35	36	36	35	36	36	35
37	37	36	37	37	36	37	37	36
38	38	37	38	38	37	38	38	37
39	39	38	39	39	38	39	39	38
40	40	39	40	40	39	40	40	39
41	41	40	41	41	40	41	41	40
42	42	41	42	42	41	42	42	41
43	43	42	43	43	42	43	43	42
44	44	43	44	44	43	44	44	43
45	45	44	45	45	44	45	45	44
46	46	45	46	46	45	46	46	45
47	47	46	47	47	46	47	47	46
48	48	47	48	48	47	48	48	47
49	49	48	49	49	48	49	49	48
50	50	49	50	50	49	50	50	49
51	51	50	51	51	50	51	51	50
52	52	51	52	52	51	52	52	51
53	53	52	53	53	52	53	53	52
54	54	53	54	54	53	54	54	53
55	55	54	55	55	54	55	55	54
56	56	55	56	56	55	56	56	55
57	57	56	57	57	56	57	57	56
58	58	57	58	58	57	58	58	57
59	59	58	59	59	58	59	59	58
60	60	59	60	60	59	60	60	59
61	61	60	61	61	60	61	61	60
62	62	61	62	62	61	62	62	61
63	63	62	63	63	62	63	63	62
64	64	63	64	64	63	64	64	63
65	65	64	65	65	64	65	65	64
66	66	65	66	66	65	66	66	65
67	67	66	67	67	66	67	67	66
68	68	67	68	68	67	68	68	67
69	69	68	69	69	68	69	69	68
70	70	69	70	70	69	70	70	69
71	71	70	71	71	70	71	71	70
72	72	71	72	72	71	72	72	71
73	73	72	73	73	72	73	73	72
74	74	73	74	74	73	74	74	73
75	75	74	75	75	74	75	75	74
76	76	75	76	76	75	76	76	75
77	77	76	77	77	76	77	77	76
78	78	77	78	78	77	78	78	77
79	79	78	79	79	78	79	79	78
80	80	79	80	80	79	80	80	79
81	81	80	81	81	80	81	81	80
82	82	81	82	82	81	82	82	81
83	83	82	83	83	82	83	83	82
84	84	83	84	84	83	84	84	83
85	85	84	85	85	84	85	85	84
86	86	85	86	86	85	86	86	85
87	87	86	87	87	86	87	87	86
88	88	87	88	88	87	88	88	87
89	89	88	89	89	88	89	89	88
90	90	89	90	90	89	90	90	89
91	91	90	91	91	90	91	91	90
92	92	91	92	92	91	92	92	91
93	93	92	93	93	92	93	93	92
94	94	93	94	94	93	94	94	93
95	95	94	95	95	94	95	95	94
96	96	95	96	96	95	96	96	95
97	97	96	97	97	96	97	97	96
98	98	97	98	98	97	98	98	97
99	99	98	99	99	98	99	99	98
100	100	99	100	100	99	100	100	99

TAB

Monthly Salaries Paid Rural Teachers for the School Year 1908

County.	\$20			More than \$20 Less than \$25			\$25			More than \$25 Less than \$30			\$30	
	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.
Jefferson	2		2	1		1	49	1	4	14		8	12	11
Johnson				2		2	47	1	2	43		45	35	35
Jones				2			15	1	12	40	4	22	37	23
Keokuk				3		1	26	2	25	10	5	15	26	24
Kossuth										4			3	21
Lee	10	2	11	2	3	17	24	28	29	8	8	1	9	20
Linn				1			13		17	53	5	40	33	28
Louisa							8	1	8	5		5	65	24
Lucas							7	4	14	23	1	11	23	11
Lyon									1	2		2	10	8
Madison							11		2	15		15	30	14
Mahaska							1		1	11	1	3	51	3
Marion			2	3		7	12	3	13	10	6	17	25	17
Marshall													10	
Mills													11	
Mitchell	1		1				10		10	16		25	15	22
Monona										9	1	7	79	22
Monroe	1	2	1	1	8	20	2	22	2	2	7	1	10	25
Montgomery						9	9		18			17	22	4
Muscataine				1	1	28	1	9	1			8	19	5
O'Brien									2	8	10	5	11	16
Osceola												1	6	2
Page													36	
Palo Alto										17	1	20	24	12
Plymouth										8	7	9	58	41
Pocahontas									1	6	4	1	18	9
Polk							1					3	41	5
Pottawattamie													10	
Poweshiek						12			5	14		7	47	2
Ringgold						17			12	25	4	33	26	20
Sac						10			9	26		26	25	
Scott													2	
Shelby													18	1
Sioux						2			3	4		4	10	10
Story										6			21	1
Tama						9			4	32	1	7	46	9
Taylor						1			1				44	
Union				16		5	11		12	14	5	14	23	
Van Buren	6	1	8	11	1	17	36	9	43	20	21	7	17	39
Wapello							4	1	12	2		7	22	19
Warren			2	10		1	24		31	16		2	21	17
Washington							19		7	35		15	66	4
Wayne	3		4	7	2	10	34	2	49	9	5	11	12	27
Webster							8		8	14	4	13	35	16
Winnebago					1	2			4	4	12	7	4	27
Winneshiek			1			5	7		9	6	4	14	13	19
Woodbury										4		1	49	9
Worth									3	14	1	18	19	31
Wright						2				13		2	20	7
Total	75	5	22	199	22	293	962	144	978	142	452	1205	2712	1635

* In addition to these footings there were three fall terms and ten spring terms.

10. VI—CONTINUED.

Showing the Number of Schools Taught at the Salaries Named.

Less than \$30 Less than \$35.	\$35	More than \$35 Less than \$40.	\$40.	More than \$40 Less than \$45.	\$45.	More than \$45 Less than \$50.	\$50.	More than \$50.
Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.	Winter term.	Spring term.	Fall term.
10	2	2	24	1	1	1	1	1
30	2	2	28	2	2	2	2	2
21	2	2	28	2	2	2	2	2
27	9	9	28	13	13	13	13	13
31	101	98	25	98	40	9	17	26
..	8	1	4	11	6	1	1	8
17	38	16	6	55	12	2	16	1
..	6	11	6	42	7	..	6	..
4	6	3	6	28	5	..	2	..
20	32	25	24	29	34	9	9	7
6	17	9	8	49	1	1	8	..
14	4	5	15	63	15	3	4	6
12	22	4	7	18	2	1	3	4
22	1	13	67	22	70	14	25	22
12	6	10	39	22	27	8	16	11
39	15	..	2	21	2	2	2	2
6	36	36	8	30	10	..	2	1
17	34	18	15	40	10	1	5	3
..	7	8	12	27	16	..	7	..
29	50	48	21	21	28	19	21	26
11	8	12	28	44	38	6	6	7
19	6	8	48	42	56	2	20	4
10	32	25	7	11	7	5	12	6
25	35	35	21	28	17	5	20	11
19	53	35	11	16	15	21	30	19
10	7	15	48	49	49	12	17	7
28	27	20	38	79	98	10	15	10
20	14	23	4	45	12	7	21	8
21	50	26	5	27	4	2	5	1
62	35	44	5	29	10	9	14	14
1	1	1	26	1	25	1	1	15
19	7	14	37	40	32	2	..	10
28	36	60	33	45	41	28	44	29
25	6	25	21	48	28	8	21	8
40	40	26	2	32	31	4	35	7
4	17	19	24	37	12	2	8	1
39	30	48	7	20	10	1	1	1
9	34	4	..	4	1	..	..	6
17	15	6	26	15	18	6	12	10
2	17	2	9	45	6	1	9	1
2	27	9	5	56	31	1	13	1
23	45	44	31	68	47	15	34	22
15	23	31	4	13	12	2	2	3
10	13	33	47	13	2	..	20	4
6	22	34	47	69	54	8	8	29
39	57	57	14	33	16	11	29	5
516	299	3018	1454	2857	1600	428	1270	514
943	1225	310	18	59	28	41	95	26
4	4	2	16	25	17	15	30	14

In Iowa last year for less than \$30 per month.

TABLE No. VII.
Teachers Tenure in One Room Rural Schools.

County.	Number of schools in which the teacher was employed for the full year	Number of schools in which 2 different teachers were employed during the year	Number of schools in which 3 different teachers were employed during the year	County.	Number of schools in which the teacher was employed for the full year	Number of schools in which 2 different teachers were employed during the year	Number of schools in which 3 different teachers were employed during the year
Andonson	36	49	30	Jones	42	34	13
Adams	18	19	24	Keokuk	51	37	15
Adair	17	58	40	Kossuth	32	37	21
Appanoose	22	40	1	Lee	41	43	6
Allamakee	17	24	2	Linn	45	33	24
Benton	40	58	30	Louisa	28	23	17
Buchanan	30	30	34	Lucas	12	23	8
Butler	15	47	11	Lyon	33	43	15
Boone	29	38	23	Madison	13	34	25
Black Hawk	37	53	34	Mahaska	30	40	21
Buena Vista	32	30	8	Marion	31	36	23
Bremer	23	30	13	Marshall	37	36	23
Cass	26	39	27	Mills	41	31	21
Clayton	35	52	9	Mitchell	28	20	11
Carroll	38	20	2	Monona	31	33	23
Crawford	19	16	19	Monroe	40	43	23
Calhoun	29	54	33	Montgomery	27	33	13
Cerro Gordo	43	59	27	Muscataine	27	24	13
Clay	42	56	21	O'Brien	33	44	13
Clinton	77	71	6	Osceola	24	28	14
Cherokee	34	49	39	Page	50	59	43
Chickasaw	15	20	10	Palo Alto	20	43	19
Clarke	18	34	9	Plymouth	59	45	13
Cedar	30	57	15	Pocahontas	43	71	15
Dallas	28	55	20	Polk	33	35	16
Dickinson	15	22	1	Pottawattamie	49	73	18
Davis	49	42	3	Poweshiek	25	49	22
Des Moines	35	27	6	Ringgold	31	52	20
Decatur	41	48	8	Sac	43	53	20
Delaware	45	47	12	Scott	29	34	6
Dubuque	33	19	2	Shelby	26	36	16
Emmet	51	18	5	Sioux	34	51	17
Fayette	37	54	24	Story	18	53	31
Floyd	34	52	18	Tama	53	66	25
Franklin	38	75	19	Taylor	13	44	12
Fremont	26	33	16	Union	30	34	25
Greene	27	50	37	Van Buren	29	53	16
Grundy	35	49	18	Wapello	9	55	1
Guthrie	21	75	43	Warren	15	17	1
Hamilton	34	33	24	Washington	28	74	12
Hancock	39	43	8	Wayne	35	43	12
Hardin	24	41	19	Webster	51	60	31
Harrison	12	35	15	Winnebago	34	29	3
Henry	15	55	20	Winneeshiek	35	43	11
Howard	17	53	15	Woodbury	42	33	24
Humboldt	51	41	6	Worth	27	26	6
Ida	33	37	25	Wright	30	41	22
Iowa	45	51	28	Total	3,400	4,336	1,938
Jackson	44	25	9				
Jasper	22	37	33				
Jefferson	25	43	21				
Johnson	33	37	30				

TABLE No. VIII.

School Tax Levies in Twenty Counties, Showing the Levies in the County Seat and the Average Levies in the Country Districts.

County.	Average Levies for County Excluding Town or City Districts.		County Seat.	Levies in County Seat.	
	Teachers' Fund. Mills.	Contingent Fund. Mills.		Teachers' Fund. Mills.	Contingent Fund. Mills.
Audubon.....	7	2.5	Audubon.....	13.7	7.8
Benton.....	7	2	Vinton.....	13.9	7
Buena Vista.....	7.1	2.8	Storm Lake.....	12.6	6.4
Buchanan.....	9.7	2.8	Independence.....	11.8	5.9
Cass.....	7.5	2.8	Atlantic.....	14	10
Cedar.....	4	2	Tipton.....	11	4.2
Des Moines.....	10	8	Burlington.....	18	5.8
Fremont.....	8	1	Hamburg.....	20	5
Greene.....	7	8.5	Jefferson.....	18	6
Humboldt.....	7.2	2.7	Sidney.....	21	10
Hancock.....	10.4	3.8	Garner.....	18	7.7
Mitchell.....	6.6	2.1	Osage.....	11.9	4.9
Monroe.....	7.6	1.9	Albia.....	13.2	5.8
Marion.....	10	8	Knoxville.....	15	9
Montgomery.....	6.8	1.7	Red Oak.....	19.8	10.4
Plymouth.....	7.8	2	Le Mars.....	19.8	7.1
Scott.....	7	2	Davenport.....	10.9	6.5
Union.....	8.2	1.6	Creston.....	15	12
Washington....	8.7	2.2	Washington.....	14.2	4.3
Winnebago.....	6	1.7	Decorah.....	15	6.4

NOTE 1. The average levies in country districts last year, as reported by seventy county superintendents was: Teachers' Fund, 7.9 mills, Contingent Fund, 2.6 mills.

The average levies in 385 towns and cities reporting was: Teachers' Fund, 15.1 mills, Contingent Fund, 6.5 mills.

NOTE 2. For the school year ending September, 1904, there were 9,888 country children enrolled in the graded schools of Iowa towns and cities, the total tuition paid being \$114,537.16.

TABLE No. VIII.

Tax Levies in Twenty Counties, Showing the Levies in the County Seat and the Average Levies in the Country Districts.

County.	Average Levies for County Excluding Town or C. ty Dist.		County Seat.	Levies in County Seat.	
	Teachers' Fund. Mills.	Contingent Fund. Mills.		Teachers' Fund. Mills.	Contingent Fund. Mills.
bon.	7	2.5	Audubon.	13.7	7.3
n.	7	2	Vinton.	13.9	7
s Vista.	7.1	2.8	Storm Lake.	12.6	6.4
man.	9.7	2.8	Independence.	11.8	5.9
.....	7.5	2.8	Atlantic.	14	10
.....	4	2	Tipton.	11	4.2
foines.	10	3	Burlington.	18	5.3
ont.	8	1	Hamburg.	20	5
ie.	7	3.5	Jefferson.	18	6
oldt.	7.2	2.7	Sidney.	21	10
ck.	10.4	3.8	Garner.	18	7.7
ell.	6.6	2.1	Osage.	11.9	4.9
oe.	7.6	1.9	Albia.	13.2	5.3
n.	10	3	Knoxville.	15	9
gomery.	6.3	1.7	Red Oak.	19.3	10.4
outh.	7.3	2	Le Mars.	19.3	7.1
.....	7	2	Davenport.	10.9	6.5
l.	8.2	1.6	Creston.	15	12
ington.	8.7	2.2	Washington.	14.2	4.3
eshiek.	6	1.7	Decorah.	15	6.4

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37.16.

THE COUNTRY SCHOOL PROBLEM.

THE COUNTRY SCHOOL PROBLEM IN IOWA.

AN ADDRESS

Delivered before the Fiftieth Annual Meeting of the Iowa State Teachers Association,

BY

JOHN F. RIGGS.

Superintendent of Public Instruction.

It shall be my purpose in this address to discuss the rural school problem as it is presented in Iowa today. This must not be construed as an admission on my part that all questions pertaining to the graded schools are settled. I pass by this class of schools, not that I think them ideal, or that I believe them to present no problems worthy of serious attention. The graded school has its problems, but in my opinion they are at this moment far more urgent than those presented by the rural school, and this must serve as excuse for confining my remarks to the conditions and needs of the thousands of one-room country schools, where more than half of the children of the state must receive their elementary schooling which, with most of them, is all the schooling they ever receive.

These country children are in most respects most happily situated. The beauties of nature smile upon them, and her myriad voices call to them from the solitude of field or forest. They have a healthful environment. An example of virtue and honor in the home and in the community is in plain view before them. Duties many and continuous await them, and their labor is directed to definite ends. They have time for quiet reflection and opportunities to use their reason and judgment. Their environment is suited to develop a strong body and an active, vigorous mind. No class of our youth gives greater promise of usefulness. These country children are served and have a right to demand school privileges in every way equal to those accorded to the children of towns and cities. That the school privileges at present accorded them are not equal to those provided in the graded schools of our towns and cities can not be questioned by anyone at all familiar with the facts.

I am not unmindful that there are many country schools superior to some graded schools. Where twenty-five to thirty country boys and girls meet with a strong, tactful, resourceful teacher whose heart is in her work, and who is aglow with enthusiasm, there we will find a school worthy the name, and a teacher who is doing a service equal to that of any teacher in a graded school. Every county in Iowa has a few such teachers and a few such schools.

majority of country schools the conditions are such that superior possible.

re these conditions?

small schools and irregular attendance.

, schoolhouses with meager equipment.

teachers often inexperienced and of inadequate scholarship.

, frequent change of teachers.

a school year more than one month less, on the average, than towns and cities, and no provision for instruction beyond the y grades.

poor classification.

reports recently received from secretaries of the rural schools of the shown that last year 65 in every 100 of our rural schools had an average attendance during the fall term of 15 or less; 62 in every 100 had a attendance during the winter term, and 69 in every 100 had a like adance during the spring term.

ve take the number of schools where the average daily attendance than 20, we find that during the fall term it was but 15 per cent; winter term 16 per cent, and during the spring term 12 per cent of . These figures are based on reports received from 10,019 out of a ,521 rural districts.

oked at in another way, we find the total number of persons e ages of five and twenty-one years in the 12,521 rural districts of to be 382,200, or an average of 30.6 for each school corporation ; but one teacher, while in corporations where a graded school is d the number of persons between the ages of five and twenty-one egates 341,166, or an average of 47.2 for each teacher employed orporations.

se figures do not tell the full story of the inequality, for it must be ed that nearly ten thousand country boys and girls included in the umeration are enrolled in the graded schools as tuition pupils, any more in the academies and the preparatory departments of It follows, therefore, that the percentage of enrollment is greater aded than the ungraded school, and we know the attendance is re regular. We assign to the graded school teacher, on the aver- nearly double the number of pupils assigned to the teacher in the hool. The trouble is further aggravated from the fact that, as a very small school suffers in interest and enthusiasm, and in conse- e percentage of attendance is abnormally low.

the country school suffers in comparison with the average graded the matter of equipment. Globe, dictionary, wall maps and a oply of supplementary reading books are seldom missing from the hool and seldom found in the ungraded school. The schoolhouse ten neglected and the schoolroom uninviting.

AN ARMY OF INEXPERIENCED TEACHERS.

e rural school suffers more from inexperienced and poorly prepared han any other one cause. Last year 3,479 certificates were issued o persons who have never taught. Out of a total of 22,845 certifi- ed by county superintendents, but 3,321 were first-class certificates.

Now it is the very common practice with school boards in our larger towns and cities to require as one of the conditions of election that the applicant hold a first-class certificate, and that she show successful experience as a teacher.

Out of a total of 3,974 teachers employed last year in 134 towns and cities of Iowa, all but 82 were experienced teachers. Five hundred four were graduates of some state normal school; 719 were college or university graduates, and 2,269 were graduates of some academy or private normal school or of a high school maintaining a four-year course. In addition to these teachers employed in the larger towns, there were as many more employed in the other graded schools of the state. A smaller, yet large per cent of these also were, no doubt, trained and experienced teachers. Where were the 19,524 holders of second-grade and third-grade certificates, 3,479 of them without experience? Most of them were employed in the country schools.

I hasten to say that not all teachers in the country districts are with little or no experience and of meager education. Some of our very best teachers labor from choice in the country. And then it often happens that the young teacher, with her first school in a remote country district, does a work of the very highest merit. I am persuaded that much of the teaching done in the one-room country schools will bear favorable comparison with the best teaching in our cities. No teacher who labors in the country need apologize for that fact; neither should she feel that the work given her to do is of any less importance than that undertaken in the more pretentious city position. But after all this is said, the fact remains that a very large per cent of the country teachers are without professional training, that some of them, unfortunately, possess very limited scholarship, and that many of them are immature and inexperienced.

The country school suffers further from the frequent change of teachers. The more than 7,000 teachers employed in the *graded schools* of the state are employed for the full year, beginning with the fall term, and it is the common practice to re-elect the successful ones from year to year. This practice does not prevail in the country. In 4,836 country districts in Iowa last year, two different teachers were employed, and in an additional 1,808 country districts three different teachers were employed to teach the same school at different seasons of the year. This frequent change of teachers results in enormous waste. No school is up to its maximum of efficiency when teachers and pupils are strange. This loss is particularly great in the country school where the classification is less perfect and where the teacher requires considerable time in which to determine the status of the individual pupils as to advancement and as to ability for work. Now if this breaking in process must be gone through with every two or three months, it will readily be seen that the loss to the schools from this cause alone is very great.

And, then, our country boys and girls are not offered school privileges for so many months in the year as is common in the towns and cities. Of the 770 schools in Iowa employing two or more teachers, 31 were in session last year over nine months, 630 were in session nine months, and 109 were in session less than nine months. But in the country districts, out of a total of 10,014 reporting, 1,599 schools were in session last year seven months or less, and of this number 469 were in session but six months; 6,462 were in session more than seven months and less than nine, and but 1,958 were in session

nine months. That is to say 87 per cent of the graded schools of Iowa were in session nine months or over, and 19 per cent of the country schools were in session nine months, and none for a longer period.

THE MATTER OF CLASSIFICATION.

Furthermore, the country school loses in comparison with the graded school in the matter of classification. Where all the classes in from six to eight grades must come before one teacher, the periods for recitation must be so short as to impair the efficiency of the recitation; and then the teacher, by giving attention to so large a number of subjects, can not do the effective work that would be possible were her energies centered on the work of a few grades instead of on many. Again, the classes in fully three-fourths of our country schools are exceedingly small, in hundreds of instances containing but one pupil. In such cases all the instruction becomes individual. Such a condition is unfortunate in any school. While individual instruction should have a large place in every school and the enrollment should never be so great as to preclude it, there is yet a value in class instruction that is lost to the pupil who must recite by himself. Children learn from one another. In a class of pupils there is the contact of mind with mind, the spirit of emulation is awakened, the interest is sustained, and advancement is more rapid.

Besides all this, the children of the towns and cities are offered a free high school course of from two to four years, which the country children are denied, unless they pay for it themselves and go away from home to get it. Last year 3,932 children from the country were enrolled as tuition pupils in the grades of our town and city schools, and 5,956 were thus enrolled in the high schools,—a total of 9,888 and these country children paid to the cities in tuition more than \$114,000, nearly the whole of it from their own pockets or the pockets of their parents. The figures I have thus far given in this address will, I believe, convince any unbiased mind that, so far as school privileges are concerned, the country child is placed, in comparison with the city child, at a great disadvantage. A smaller per cent of his teachers are trained and experienced; he must suffer the annoyance and loss incident to frequent change of teachers; he loses in social privilege because of the prevalent small school; he often loses the inspiration of numbers in class work; his school year is shorter and he has no high school privileges in his home district. In view of these conditions no one, I think, will deny that we have a country school problem in Iowa.

I can take the time today to discuss but one or two of the questions involved in that problem.

It is my belief that a teacher can do her most effective work with a school of about two dozen well classified pupils. In such a school the classes will be large enough to insure class enthusiasm and the spirit of emulation, and at the same time small enough to afford the teacher opportunities for individual instruction. Many educators would assign to the teacher not less than thirty pupils, and some would make the number forty. Very few, I am sure, would hold that a school of twenty-four too large. But if such there be, certainly when the school is reduced below twenty, no one will be found who will deny that it is too small for the most effective work.

And yet we find in 60 in every 100 rural schools of the state the enrollment for the past school year was 20 or less, and in 85 in every 100 the average daily attendance was 20 or less.

There may be those who consider this condition accidental and liable soon to change. True, the school population in any community varies to some extent from year to year. But it must be remembered that economic forces are at work tending to reduce the rural population of the state in relation to the towns, rather than to increase it, and that these forces have been at work for a generation.

The past thirty years have witnessed a phenomenal growth of cities both in this and in other lands. In America they have also witnessed a marked increase in the size of farms, and a more than corresponding decrease in rural population. For the city has attracted to it the young men and young women by the tens of thousands, while the older people have as a rule remained on the farm. Then, labor-saving machinery has come in to supplant much of the hand labor required a generation ago. It is said that four men with improved machinery can now do the work that formerly required the labor of fourteen men. One of the results is shown in the constantly increasing size of farms. For the twenty years from 1880 to 1900 the average size of farms for the United States as a whole increased 9.8 per cent, while the increase in Iowa for the same period was 14.4 per cent.

For the ten years ending in 1900, Iowa increased in population nearly a third of a million; but the increase was chiefly in the incorporated towns and cities which, in 1900, contained 43.6 per cent of our people,—a gain of 7 per cent in ten years.

TEN THOUSAND COUNTRY CHILDREN IN CITY SCHOOLS.

The school population in country districts, already depleted by the operation of economic laws, has been still further reduced, as I have shown, by the attendance of nearly 10,000 country boys and girls in the city schools. And then there is scarcely a town in the state where a first class graded school is maintained but one or more families will be found who have moved to the town from the country for the express purpose of schooling their children.

I trust the time may come when, because of the larger returns from farming, and because of the greater advantages of farm life, farming will become more intensive, the size of farms be reduced and the rural population be increased. But the tendency at the present time is unmistakably in the direction of yet larger farms, and that means that the present status of rural population will suffer little change, and that what change there may be will be in the direction of a further decrease rather than an increase in rural population.

The problem, then, before the small school corporations of the state is whether the little schools are to be continued or whether school district boundaries are to be so changed as to greatly reduce the number of districts. This is a question each community must settle for itself. The legislature may and should remove all hindrances to the consolidation of contiguous districts where such consolidation is desired by the people of the districts in interest. Further than this legislation should not go, for local independence in the control of the school is a fundamental principle in America that we do well to guard.

While, in my judgment, consolidation of schools and transportation of pupils at public expense is the rational solution of the country school problem in Iowa, I want to see this solution applied where conditions demand it through the awakened interest of the people in the welfare of their schools. I have presented and, as I believe, without exaggeration, some of the weaknesses that cripple the efficiency of many of our country schools. A wise and liberal policy on the part of the school boards will remove some of the weaknesses. The schoolhouse may be made attractive, the surroundings made beautiful, the length of the school year increased, and *one* teacher, and she a competent one, employed for the full year. All that is necessary to bring about these results is to raise more money for the support of the school and to expend it wisely.

But some of the weaknesses I have depicted are inherent and will not be soon removed, unless a change is effected that will concentrate the interest and support on a few schools where we now have many. We live in an age of consolidation and co-operation. Your effort united with mine multiplies the power of us both. In this age no man liveth unto himself. The life of the community has extended itself over a wider area than formerly. The rural telephone has helped to widen the community interest. Everything suggests the wisdom of extending the school district borders to embrace several contiguous districts, and in this enlarged district to have one school center uniting the energies of all on a single school in which all are equally interested. I am aware that it is said by many that the country schoolhouse is indispensable as a place of assembly for the people. But anyone familiar with rural life knows that the particular schoolhouse in a group of districts that seems most easy of access to the largest number of people comes to be the natural meeting place for the community, and that meetings, whether religious, educational or political, are held almost invariably in this particular schoolhouse. The territory tributary to this natural center varies. It may include practically the entire township, or it may be much more restricted in extent. But it is seldom co-extensive with the usual small school district. In such a territory the schoolhouse where public meetings are held by common consent constitutes the social center, and there is little need of any other schoolhouse in the same territory, either for school purposes or as a meeting place for the people. This community interest would be greatly strengthened if, instead of the small one-room schoolhouse, an up-to-date building with library and commodious assembly hall should take its place.

BENEFIT OF CONSOLIDATED SCHOOLS.

In such a school the social life of the children is widened; the circle of acquaintances is extended; classes are larger, and there is the contact of mind with mind that is absent in the class of one pupil. And, finally, the teacher is permitted to concentrate her energies on a few grades instead of teaching them all; to have comparatively few daily recitations instead of many, and to have twice as much time for the recitation as in the school where the whole range of classes must come before her.

Many people have the impression that consolidation means the abandoning of country schools and the transportation of the children to cities and towns, where they are taken into an entirely different environment. But the

consolidation I am contending for contemplates nothing of the kind. I believe the school environment in the country is, in many ways, superior to that in the city. I want the country school to remain in the country so far as possible, but I want it large enough for the employment of from two to five teachers, and with no teacher in charge of less than twenty-five nor more than thirty pupils. Such a school organization might cost the people less in dollars and cents, but the possible saving in money is not the ground upon which the change is urged. The end of consolidation is to get better schools and to multiply the benefits to the children.

Consolidation commends itself to our favor because it will offer the opportunity for proper classification, of a reasonable number of pupils to the teacher, of regular and punctual attendance, and hence the vast increase in the pupils of the benefits the school can bestow.

The small school serves but few people, and is supplied by the taxes raised on comparatively small amount of property. Neither the public interest nor the financial support is, therefore, likely to be such as to encourage the development of the school. While advancement is noted all around, in every business and in every department of human endeavor, the little country school is likely to conform very closely to the type of school of a past generation. But unite the interests of a larger number of people in the school, and bring to its support the taxes on a larger aggregate of property and better conditions will be speedily and easily secured.

Union and co-operation alone will make possible the twentieth century school. We may project the nineteenth century school into the twentieth century, but the school that keeps pace with the times and meets the demands of the age must have the interest and financial support of many people and the services of a number of skilled teachers working in co-operation. The school of the past generation was concerned chiefly with the intellectual development of the young, and little attention was given to the physical. But educators everywhere are now awakening to the need of manual training.

Hand work, the use of tools, the experimental study of plants and so on will take their place alongside the study of books and add immensely to the interest and practical value of the schools. But it is manifest that the enlarged usefulness can not be easily secured in the little isolated district. Neither is it possible for the school in such a district to be other than extremely elementary. The high school is as much the birthright of the country child as it is of the city child. But it can come to the country child in the country only through consolidation.

Along with the problem of the little school is the vexed teacher problem. I shall not discuss this problem today, only in so far as it is related to consolidation of schools. Were it possible today to gather all the country children of Iowa into consolidated schools, more than 2,000 teachers could be eliminated and no one of those continued be given more than twenty-five pupils to instruct. At the present time county superintendents find it impossible to fill all their schools with competent teachers. It follows, therefore, that if we could dispense with 2,000 of the less competent persons now licensed in order to keep the schools open, there would be an immense gain to the schools.

But as suggested a few moments ago, the initiative in the matter of country school consolidation, if taken at all, must be taken by the people in the local communities. The change, therefore, can not come suddenly. All the difficulties in the way, and there are difficulties, must be carefully weighed, the local conditions in each community consulted, and the benefits of the proposed changes proven to the people beyond dispute before the little districts will be abandoned and the larger school units established. I am glad this power rests with the people, for though changes sorely needed may be delayed, when they come they will be abiding and will have back of them the support of the people and will bespeak intelligent direction by the people.

IOWA'S SCHOOL POSSIBILITIES.

But while the realization of the highest possibilities of the country school will doubtless come through consolidation, let no one think that nothing can be done to improve the condition of the school under its present organization. The people in any district with awakened interest in the school can beautify the schoolhouse and grounds, render the schoolroom cheerful and attractive, have school furniture of the best, install a library of choice books, provide maps, globe, dictionary and a liberal supply of supplementary texts; maintain a nine months' school and employ a good teacher; and even without formal consolidation they may unite with the people of other districts in the support of a central room of higher grade, where the advanced pupils from several districts may assemble for the instruction they are now obliged to go to the towns to secure. More money raised for the support of the school will accomplish all this and I believe the people of this commonwealth are so enamored of their schools that additional expense will be willingly incurred if they may but know that the interests of the children demand the further sacrifice and that the revenue provided will be wisely and effectively expended. The average tax levy for school purposes in the towns and cities of Iowa is double the levy for like purposes in the country, the average levy for the teachers' and contingent fund combined being last year 10.5 mills in the country and 21.6 mills in the cities.

Iowa is a state of colossal wealth; her material resources are vast beyond computation; her riches abundant beyond the dream of avarice. A people so abundantly favored as are the people of Iowa can give their children educational advantages unsurpassed if not unequalled by any state of the Union.

Vast as is the amount now raised by voluntary taxation for the support of the public schools, I believe that we are at the threshold of an awakening that will greatly increase this aggregate. With a tax levy in country districts, not equal to that which now obtains in the cities of this state, but 60 or 65 per cent of such levy, country school boards will have a revenue at their disposal that can easily put the country school at the very forefront of educational progress.

No class of American citizens excel the farmers, if indeed they equal them, in intelligence and character; and the farmers' children are, as someone recently said, "the best educational material in all the land." Who may say that these people may not and will not rise to their opportunities and maintain schools in the country equal in duration and in equipment and equal if not superior in efficiency to the best schools now maintained in the cities.

SENT STATUS OF CONSOLIDATION.

CONSOLIDATION OF SCHOOLS IN IOWA.

special report recently made by the county superintendents of Iowa the following facts concerning consolidation of schools in this state.

For the year ending September, 1904, thirty-five counties had consolidation in some form. In eighteen counties the consolidation was designed to be permanent, while in seventeen it was undertaken as a temporary expedient.

In all there were fifty-three permanently consolidated schools reported, of these eighteen were consolidated within the year. In addition to the permanently consolidated schools, eighty schools were temporarily closed during the year.

Sixty-eight hundred and fifty-nine children were transported at public expense and the aggregate amount paid for transportation of pupils was \$14,321.65.

Superintendents answer certain questions as follows:

Are the people satisfied with the change?

Sixteen, "Yes."

One, "Decidedly yes."

Seven, "With most, yes."

One, "No."

Ten, no answer.

What effect has consolidation had on the per cent of pupils enrolled?

Fifteen, "Enrollment greater."

One, "No change."

Eighteen, no answer.

What effect on average daily attendance?

Fifteen, "Average attendance greater."

One, "No change."

Eighteen, no answer.

What effect on tardiness?

Sixteen, "Cases of tardiness much less."

Two, "No change."

Seventeen, no answer.

Has consolidation resulted in lengthening the school year?

Eleven, "Yes."

Five, "No change."

Nineteen, no answer.

Are better wages paid in consolidated schools?

Thirteen, "Yes."

Six, "No change."

Sixteen, no answer.

7. What effect has consolidation had on the general efficiency of the school?

Seventeen, "Schools better."

One, "No, change."

Seventeen, no answer.

8. Has consolidation resulted in increasing the cost of maintaining the school?

Nine, "Cost greater by from 2 to 20 per cent."

Three, "Cost same."

Four, "Cost less."

Nineteen, no answer.

The ten superintendents who failed to answer question "1", and twelve of those who did not answer questions "2" to "8" inclusive, have temporary consolidation only. The same is true of the one who gave a negative answer to question "1."

CONSOLIDATION AND TRANSPORTATION.

Ry J. C. BENNETT,

Deputy Superintendent Public Instruction.

THE LAW.

Section 2773. "It (the school board) may * * * determine the number of schools to be taught, * * * determine the particular school which each child shall attend, and designate the period each school shall be held beyond the time required by law."

Section 2774 " * * * And when there will be a saving of expense, and children will also thereby secure increased advantages, it (the school board) may arrange with any person outside the board for the transportation of any child to and from school in the same or in another corporation, and such expenses shall be paid from the contingent fund."

Section 2806. "The board of each school corporation shall at its regular meeting in March, or at a special meeting called for that purpose between the time designated for such regular meeting and the third Monday in May, estimate the amount required for contingent fund, * * * and such additional sum as may be necessary not exceeding five dollars for each person of school age for transporting children to and from school: * * *"

Section 2776. It (the school board) shall have power to maintain in each district one or more schools of a higher order, for the better instruction of all in the district prepared to pursue such a course of study, and it may establish graded or union schools and determine what branches shall be taught therein, * * * and it may select a person who shall have general supervision of the schools in any district subject to the control of the board."

Section 2799. "Independent districts located contiguous to each other may unite and form one and the same independent district in the manner following: At the written request of any ten legal voters residing in each of said independent districts, or, if there be not ten, then a majority of such voters, their respective boards of directors shall require their secretaries to give at least ten days' notice of the time and place for a meeting of the electors residing in each of such districts, by posting written notices in at least five public places in each of said districts, at which meeting the electors shall vote by ballot for or against a consolidated organization of said independent districts, and, if a majority of the votes cast at the election in each district shall be in favor of uniting said districts the secretaries shall give similar notice of a meeting of the electors as provided for by law for the organization of independent districts including cities and towns." (See sections 2795 and 2796.)

NOTE—If the proposition carries, it is the duty of the secretaries of the several districts uniting, to determine upon a date and place, and give the usual notices for a meeting of the electors of the newly formed district for the purpose of choosing a board of directors.

In the consolidation of two or more rural independent districts, three directors will be chosen, one to serve until the next annual meeting, one until the second and one until the third annual meeting thereafter.

If the newly formed district contains all or part of a town or city of the second class, five directors shall be chosen, two to serve until the next annual meeting, two until the second and one until the third annual meeting thereafter.

Should the proposed district contain all or a part of a city of the first class or a city under special charter, seven directors shall be chosen, three of whom shall serve until the next annual meeting, two until the second and two until the third. (See sections 2754 and 2795).

Section 2796. "The organization of such independent districts shall be effected on or before the first day of August of the year in which it is attempted, and, when completed, the board of such independent district shall fix the amount of all necessary taxes for school purposes, including schoolhouse taxes, at a meeting called for such purpose at any time before the third Monday of August, which shall be certified to the board of supervisors on or before the first Monday of September, and it shall levy said tax at the same time and in the same manner that other school taxes are required to be levied."

Section 2800. "A township which has been divided into rural independent districts may be erected into a school township by a vote of the electors, to be taken upon the written request of one-third of the legal voters residing in such civil township. Upon presentation of such written request to the township trustees, they shall call a meeting of the electors at the usual place or places of holding the township election, upon giving at least ten days' notice thereof by posting three written notices in each rural independent district in the township, and by publication in a newspaper, if one be published in such township, at which meeting the said electors shall vote by ballot for or against a school township organization. If a majority of the votes cast at such election be in favor of such organization, each rural independent district shall become a subdistrict of the school township, and shall organize as such on the first Monday in March following by the election of a director, notice of which shall be given as in other cases by the secretary of each of the rural independent districts, and the directors so elected shall organize as a board of directors of the school township on the third Monday in March following."

Section 1. Chapter 89, Acts of the Twenty-seventh General Assembly. "When the boundary line between a school township and an independent city or town district is not also the line between civil townships, such boundary may be changed at any time by the concurrence of the boards of directors; but in no case shall a forty acre tract of land, by the government survey, be divided; and such sub-division shall be excluded or included as entire forties. The boundaries of a school township or the independent district may in the same manner be extended to the line between civil townships, even though by such change one of the districts shall be included within and consolidated with the other as a single district."

Section 2802. "When any changes are made in the boundaries of any school corporations, the boards of directors in office at the time shall continue to act until the next regular school election, when the new corporation shall organize by the election of directors in accordance with the new boundaries, whereupon the new boards shall make an equitable division of all assets and liabilities of the corporations affected; and if they can not agree, the matters upon which they differ shall be decided by disinterested arbitrators, one selected by each board having an interest therein, and if the number thus selected is even then one shall be added by the county superintendent, and the decision of the arbitrators shall be made in writing, either party having the right to appeal therefrom to the district court."

APPLICATION OF THE LAW.

SCHOOL TOWNSHIP.—The school township organization needs no change in order to provide for consolidation of the schools under the law. The first step toward consolidation is for the board to determine that there shall be one school, or a less number than formerly (section 2773), and provide a suitable building.

If sufficient schoolhouse funds are not on hand to erect such a building, it will be necessary to submit to the electors at a regular meeting (sections 2746 and 2749) or at a special

meeting called for that purpose (section 2750) a proposition to vote a schoolhouse tax, or to authorize the board to issue the necessary bonds. (Section 2812.)

When funds have been voted for this purpose, the board may then proceed to select a site and erect a building and make such other arrangements as may be necessary.

The electors may, by petition, compel the board to submit a proposition to the electors at a regular meeting of the corporation. (Section 2749.) The proposition submitted may be simply advisory as, "Shall the district schools be closed and the pupils transported to a central school?" Or the proposition may be to vote a tax or to authorize the board to issue bonds for the purpose of erecting the necessary buildings. The latter plan is preferable, because, if the proposition carries, the necessary funds will be available at once. The ballot should contain the proposition or propositions just as advertised in the notices for the meeting. Underneath each proposition should be a place where the voter may indicate his wish by "yes" or "no." (See also Lloyd township, page 134.)

The board will continue to consist of one member from each sub-district. Should a different number be desired, it may be secured by redistricting. (Section 2801). Should the number of districts be reduced to one, the board will consist of three members chosen by the electors of the entire corporation. (Section 2752.)

INDEPENDENT DISTRICTS.—Should two or more contiguous independent districts desire to unite, it may be accomplished under authority of section 2799. This section applies to the uniting of independent city, town or village districts; rural independent districts; or independent city, town or village districts with rural independent districts. (Opinion by attorney-general, page 133, report 1902.) Township lines are not a bar to the operation of this section.

Independent districts in the same civil township may consolidate by either of two methods as follows:

First—If it is not desirable to organize a district so large as the civil township, two or more districts may unite under section 2799. If it is desired to unite all the independent districts in the township, it may be done under the same section; or

Second—The rural independent districts in the same civil township may first unite to form a school township (section 2800), after which the process will be the same as indicated under "school township."

It may sometimes be advisable to unite an independent city, town or village district with all or part of a school township, or to unite a school township with all or part of an independent city, town or village district. This may be effected under section 1, chapter 89, acts of the Twenty-seventh General Assembly, provided the boundary between the two districts is not also the boundary of the civil township.

If the boundary of the independent city, town or village district is extended, to include all or a portion of the school township, the resulting district will be an independent city, town or village district; but should the boundary of the school township be extended, the resulting corporation will be a school township. (Opinion attorney-general, page 132, Report 1902.)

A STUDY OF THREE CONSOLIDATED SCHOOLS.

BY JOHN F. RIGGS,
Superintendent of Public Instruction.

I

LAKE TOWNSHIP, CLAY COUNTY.

On January 10, 1905, in company with County Superintendent, H. F. Fillmore, I visited the Lake Township central school. The day was very cold, mercury registering ten degrees below zero. Our visit was unannounced and unexpected. We found 98 pupils present out of a total enrollment of 119.

The school is located at the geographical center of the township, and the nearest building of any description is three-fourths of a mile distant. The schoolhouse, erected at a cost of \$3,000, is the only building in the township of a public character, there being no church, hall, shop, or store of any description. This school is in its second year. The children are co

veyed to and from their homes in eight hacks. Three of these are provided with stoves and the others have blankets and robes. All are completely covered. The average cost per team for transporting pupils is \$28 per month. Two young men attending school are among the drivers.

As one of the direct results of consolidation in Lake township may be mentioned the fact that this winter four miles of excellent gravel road have been made,—the first attempt in that part of Clay county at this class of improvement. The work was mostly done by farmers gratuitously. They expect to continue the work next winter, and it will be but a few years until this township will have excellent roads, and the value of every acre of land in the township will be enhanced thereby. Last year the roads were so bad that transportation was next to impossible for a considerable time, but the people of Lake township have staying qualities, and they are proving the practicability of consolidation in the one township of all others in Clay county most unfavorable for the undertaking.

Church and Sunday school are held in the school building on Sundays and the hacks used to carry the children during the week are used to some extent to carry the people to church on Sunday.

The eight drivers furnish their own teams and hacks, and are under written contract similar to that outlined in the report on Lloyd township.

The different routes are indicated on the map appearing in this report.

The first child called for on Route No. 1 must ride 6 miles.

"	"	"	"	"	"	"	"	2	"	"	4½	"
"	"	"	"	"	"	"	"	3	"	"	6	"
"	"	"	"	"	"	"	"	4	"	"	6	"
"	"	"	"	"	"	"	"	5	"	"	7	"
"	"	"	"	"	"	"	"	6	"	"	4½	"
"	"	"	"	"	"	"	"	7	"	"	9	"
"	"	"	"	"	"	"	"	8	"	"	6	"

The driver for Route No. 1 receives \$40.00 per month.

"	"	"	"	"	2	"	20.00	"	"
"	"	"	"	"	3	"	28.00	"	"
"	"	"	"	"	4	"	30.00	"	"
"	"	"	"	"	5	"	31.00	"	"
"	"	"	"	"	6	"	20.00	"	"
"	"	"	"	"	7	"	30.00	"	"
"	"	"	"	"	8	"	25.00	"	"

For purposes of comparison, I give the following table showing enrollment, attendance, etc., in Lake township for the past five years, the first four under the old district plan and the last under the consolidated plan:

Year.	Enrolled.	Average Daily Attendance.	Total Paid Teachers.	Paid for Fuel, Repairs and Janitor.	Months' School.	Average Compensation Teachers.	
						Males.	Females.
1900	126	62	\$1,479.00	\$150.00	8	\$27.12	\$27.45
1901	120	55	1,639.00	120.00	8	.....	29.28
1902	107	64	1,650.00	150.00	8	.....	28.92
1903	96	70	1,102.10	330.00	5.5	28.00	29.60
1904	116	101	803.25*	150.00	8	50.00	37.50

*The figures given in this table are from the annual reports of the county superintendent of Clay county. Evidently this amount should be \$1,000 if all the orders for the year were paid.

It will be seen from the above table that the average daily attendance was 60 per cent greater last year than the average in the township for the four preceding years.

This year the principal receives \$50 per month and the grade teachers \$40 each per month.

The cost per month of maintaining the Lake township school at present is:

Teachers' salaries.....	\$180.00
Transportation (8 teams)	224.00
Fuel and janitor service (estimated).....	20.00
Total.....	<u>\$384.00</u>

The assessed valuation of the township is \$178,000. On the present basis of cost the levy for teachers' and contingent funds combined for eight months of school would be 17.2 mills.

For the year 1902, when eight months' school was maintained in the seven separate districts, the levy was 10 mills (assuming that the assessed valuation was the same then as now). But for the year 1902, the average daily attendance in the township was but 64, whereas it is now over 100. The people are spending more in dollars and cents, but they are getting more for the money spent.

Pupils are transported this winter from forty-one homes. To each of these homes I sent a letter requesting answers to the following questions:

1. Do you regard the school now being conducted in Lake Township as being better than the school you had previous to the consolidation?
2. When the schools of this township were consolidated did you favor consolidation or oppose it?
3. Are you now in favor or opposed to consolidation in this township?
4. Give reasons for your answer to Question 3.
5. What advantages, if any, have resulted from consolidating the schools of this township?
6. What disadvantages, if any, have resulted from consolidating the schools of this township?

Thirty-two answers were received. Of these twenty-six patrons say the school is better than formerly, most of them say "much better." Fourteen of the thirty-two were opposed to the consolidation at first, and ten are still opposed.

THE BENEFITS CLAIMED.

Those favoring the central school were very positive in their opinions.

Mr. J. P. Livingston, a director in the township for eight years, answers the six questions submitted as follows:

1. Yes, far ahead of it.
2. Yes and no, because the roads were not fit.
3. In favor.
4. Better school. Better teachers. Better roads. Children like to go better and advance more in one year than in two the old way. Children go ahead instead of standing still as they oftentimes did the old way. Also better attendance.
5. The roads have become better. Property is worth more and a better feeling all around.

6. It has cost more so far. I don't know of any other disadvantage. Hope the good work may go on.

The following are the principal arguments offered by others in defense of the new way as opposed to the old:

Children attend more regularly.

The pupils are learning better in every respect.

Better attendance.

Bad weather doesn't interfere with attendance.

Inexperienced teachers are eliminated.

Better classification.

Pupils learn more in same length of time, six months in the consolidated school being worth more than nine months in the district school, which means less relative expense.

Pupils have a graded school.

No pupil ever tardy.

Larger classes.

Country children get equal advantages with city children.

Parents know where their children are during the day.

More rivalry for excellence.

No exposure of children to inclement weather.

Better teachers.

Only slight advance in cost, cheaper per pupil considering work done.

Gives teachers time for individual work.

Fits children to enter high schools.

One schoolhouse only to keep up.

Better teachers and fewer of them to pay.

More interest in school work.

Causes improvement of roads.

Children can be educated without being sent to city.

Many go that would not go to district schools, among larger children.

THE OBJECTIONS URGED.

Those who still oppose the plan of having but one school in the township, urge the following objections:

"It makes all the school in winter and none in summer and it does not give the small children any advantage. I am also opposed to boys driving the bus. (Two of the young men students drive hacks in this township.) It also makes too long a day, starting at 7 o'clock and not coming home until 6 p. m. The disadvantages of the consolidation are poor roads, and also raising the school tax almost double."

"It is too hard on children from six to ten years of age. Some must start before daylight and do not get home until after dark, and ride ten miles. It makes most of the school in cold weather. About the only advantage is getting a better grade of teachers and it doesn't take as many. It costs too much money for transportation."

"The school is better, but in wet time the scholars can not be transported on account of the bad roads, there is no place for the drivers to stay during the day, the cost is double the district plan and the house is located in a frog

pond. But the scholars never are tardy, they have the benefit of a graded school, and are transported in a warm bus."

"If a good teacher were hired the district school is the best. The graded school is an advantage, but the district is better, figuring expense, and the long ride of pupils. The disadvantage is the great expense."

"I think it is a damage to this township. There are no advantages over the old way. It costs us more."

"It is too far away for little children in severe cold weather. Don't like some of the men they have for drivers."

"Too expensive and too far away from patrons on the out-edge of the township."

"The children are obliged to start about 7 o'clock and do not get home until 5:50. They can not have time to help at home at all when they are going to school."

"It makes taxes one-half higher. I opposed it for the reason that I am not located right. My children leave home at 7:15 to 7:30 a. m. and do not get back till 5:40 to 6:00 p. m."

II

LLOYD TOWNSHIP, DICKINSON COUNTY.

The board of directors of the school township of Lloyd submitted the following proposition to the electors at the annual meeting March 11, 1901:

PROPOSITION TO VOTE ON SCHOOL HOUSE TAX.

Notice to Voters: For an affirmative vote upon the following proposition, write the word yes in the square. For a negative vote write the word no in the square.

Shall a school house tax of ten mills on the dollar be voted and levied in the school township of Lloyd, in the county of Dickinson, State of Iowa, the same to be used for a school of higher order, or a ☐ graded school to be located at Terril, Iowa.

On this proposition 65 men and 8 women voted "Yes," and 37 men voted "No."

A site containing two acres was donated, and a four-room schoolhouse erected just outside the corporate limits of the village of Terril. The building cost \$4,000 and was completed and school opened in October, 1901. The old organization prevails whereby a subdirector is chosen annually in each of the eight (former) subdistricts, and one director chosen from the township at large, making a board of nine members. The people prefer this form of organization, because it insures representation on the board from every part of the township.

The board employs seven men with teams to transport the pupils to and from school. Each driver enters into a written contract whereby he agrees "To furnish a strong, safe, properly covered vehicle, with comfortable

and a safe, strong, quiet team, with proper harness, all being subject to approval of the board; to furnish warm, comfortable robes or blankets sufficient for the best protection and comfort for each and all the pupils coming from the public school building and their respective homes; to collect the pupils on the route by driving to each and all the homes where pupils live each morning that school is in session in time to convey the pupils to school, so as to arrive at the school building not later than 8:50 a.m. and to convey the pupils to their homes, leaving the building at 4:00 p.m.; to properly drive and manage his team, and to refrain from the use of any profane or vulgar language within the hearing or presence of the children; nor to use tobacco in any form during the time he is conveying the children from school. He agrees that he will not drive faster than a trot, nor with any team, and that he will keep order and report improper conduct on the part of pupils to the Principal or the President of the board." During the life of the contract the board retains one-half of the previous driver's wages of each driver to insure the faithful performance of the contract.

The different routes are indicated on the map, appearing in this report.

The first child called for on Route No. 1 must ride 8 miles.

"	"	"	No. 2	"	5½	"
"	"	"	No. 3	"	6	"
"	"	"	No. 4	"	8½	"
"	"	"	No. 5	"	7	"
"	"	"	No. 6	"	6	"
"	"	"	No. 7	"	5½	"

The driver for Route No. 1 receives \$40 per month.

"	"	"	No. 2	"	38	"
"	"	"	No. 3	"	35	"
"	"	"	No. 4	"	40	"
"	"	"	No. 5	"	42	"
"	"	"	No. 6	"	34	"
"	"	"	No. 7	"	30	"

This school is now in its fourth year under the consolidated organization. For purposes of comparison, I give the following averages for the last three years under the old district plan and the first three years under consolidation.

For the years 1899, 1900 and 1901, the

Average enrollment per year.....	155
Average daily attendance per year.....	78
Average paid teachers per year.....	\$1,510.00
Average paid for fuel, janitor service and repairs.....	438.85
Average number of months per year.....	7
Average compensation of teachers per month, males.....	30.33
Average compensation of teachers per month, females.....	30.50

For the years of 1902, 1903 and 1904, the

Average enrollment per year.....	192
Average daily attendance per year.....	118
Average paid teachers per year.....	\$1,579.00
Average paid for fuel, janitor service and repairs.....	277.00
Average number of months per year....	8
Average compensation of teachers per month, males.....	16.66
Average compensation of teachers per month, females.....	40.00

The average cost of tuition per pupil per month for the last three years under the district plan (based on the amount paid teachers plus amount paid for fuel and janitor service) was \$3.57. The average cost of tuition per pupil per month for the first three years under consolidation (assuming that the cost for transportation has been uniformly \$254 per month,—the amount now paid). was \$4.12.

While the consolidated school is costing the people more money in the aggregate, they are getting far more for their money. The school year has been increased one month, the average daily attendance has increased 51 per cent, the school is well classified, two grades of high school work are offered, trained teachers are employed, and the pupils are all interested in their work.

I visited this school, unannounced, on the 11th day of January, 1905. The weather was severe and a storm was raging. One hundred and twenty-four pupils were in their places, eighty-five of them from the country and thirty-nine from the village of Terril. The work of the pupils was as good as is usually found in city schools. Most of the teaching was excellent. The principal receives this year \$80 per month, and the grade teachers \$45 each per month. Among the songs the children sang during the opening exercises was one entitled "Uncle Sam is Rich Enough to Send Us All to School", and they sang with "the spirit and understanding."

The cost per month of maintaining the Lloyd Township school at present is

Teachers' salaries.....	\$ 215
Transportation (seven teams).....	254
Fuel and janitor service (estimated).....	25
<hr/>	
• Total.....	\$ 494

The assessed valuation of the property in the township is \$280,000. On the present basis of cost the levy for teachers' and contingent funds combined would be 14 mills.

The answers to questions sent to the patrons of this school who live outside of the town of Terril show that the people of the township are in general heartily in favor of the present school organization as opposed to the old. Reports were received from the heads of twenty-seven families. Of these twenty-three are unqualifiedly in favor of the new way and four are in whole or in part opposed, as indicated by the following answers:

No. 1. "The school is not better than the district school—not for farmers. I am opposed, because the children have to ride from six to seven miles in all kinds of weather before they can get to school, and the bus on this route is not fit to haul children in. No advantages have resulted from consolidation in this township."

No. 2. "I consider the school much better. In part, I am in favor of the present plan. But being situated at the farthest distance from school, we find it difficult to keep the small children comfortably warm in severe cold weather, while the older ones suffer some. The greatest fault I find is in the long hours the children are from home on the road and at school."

No. 3. "The school is better, children learn more and come nearly every day. But I am against consolidation in this township. We can leave but \$2,200 for contingent fund and eight months will cost that fund \$3,200 "

least, so we are \$1,000 short. Seven wagons are now required. If all parts were settled it would take twelve."

No. 4. "The school is quite a bit better. Children have learned more, because they can afford to keep better teachers. I opposed consolidation when it was effected. In some ways I am now in favor and others not. The books have to be changed so often and the children must be on the road so long. They are apt to catch all kinds of sickness."

Of the other twenty-four reporting, *all*, without any reservations, favor the present plan. In answer to the question: "What disadvantages have resulted from consolidation in Lloyd Township?" eighteen say "not any," adding: "And I recommend it to every township in the state of Iowa."

One says the only disadvantage is that "people on the outcorners of the township have to send their children out so early in the morning to get them to school." Another says it is a disadvantage "when the roads are bad and the taxes may be a little higher."

The reasons given in these replies for favoring the new plan are, in brief, follows:

Can afford better teachers.

Pupils make better headway.

Our children can graduate at home instead of our having to send them away to high school.

School taught by instructors who know how to teach.

By transporting children, the little ones can attend now where they could not under the old plan.

Children attend more regularly.

Children graded in classes and take more interest in their studies.

More children attend.

Gives pupils all over the township the same advantages and has given all the advantage of better schools.

Pupils not exposed to the cold and storms.

Teachers are first class and are hired for the full year.

"Was opposed to consolidation. Now in favor of it. My children can ride five miles better than they could walk one."

People take more interest in the roads and look after the bad places.

III.

BUFFALO TOWNSHIP, WINNEBAGO COUNTY.

In the year 1895 the people of this township voted to form an independent district embracing the entire civil township, six miles square, and voted bonds running for a period of ten years for the purpose of erecting an eight-room building.

The board, which consists of five members, is chosen on the second Monday in March by the qualified electors, and is governed by the same provisions of law which apply to independent districts.

At first the country schools were maintained as formerly, but in August, 1897, the board arranged for the transportation of children in three districts. A year later the board, upon petition, arranged for the transportation of children from another ward and, in 1899, ordered all the rural schools in the

district closed, except those in the extreme northeastern and southeastern parts of the township. This arrangement continued till January, 1904, when one of the country schools formerly closed was reopened, with a membership of twenty-five pupils.

At the present time the district maintains eight rooms in the town of Buffalo Center and three in the remote parts of the district.

The central school is located only one mile from the western boundary line of the district, thus making it impracticable to transport pupils from the remote portions of the township.

The enrollment in the Buffalo Center School this year is 269. Of these 71 are from the country and are transported in 5 hacks. Drivers in the township receive on the average \$38 per month.

The taxable valuation of property in the township is \$349,901. Of this amount the sum of \$125,239 is credited to the incorporated town of Buffalo Center and \$224,662 to the remainder of the township. The present levy for teachers' and contingent funds combined is 22.1 mills.

It will be seen that this organization differs from that of the two just considered, since three one-room country schools are maintained in the remote parts of the township and the management of these schools is under the control of a board, a majority of whose members live in the town of immediate vicinity of Buffalo Center.

From replies received from this township, many of the people are apparently indifferent as to a choice between the old district plan and the present plan. One patron, with a suggestion of sarcasm, says: "It has given us the great privilege of furnishing 45 per cent of the pupils and of paying 6 per cent of the cost of the school, and having two of the five directors out in the country."

Another patron says no advantage has resulted from consolidation and adds: "The small children can't go to school in hard weather." However a majority of the replies received from this township are favorable to the present plan, all but three saying they regard the Buffalo Center school far better than the one-room district school, and one adding: "For the town it is better, but not for the country." This patron who is strongly opposed to the present plan says: "I think 80 per cent of the children in the country quit school as soon as the law will allow them, as they can not attend school more than four or five months a year and they get so far behind the town children they are ashamed to attend town school." He also suggests that the hack service is not satisfactory.

Patrons who favor the present plan advance practically the same arguments that were offered in defense of the Lake township and Lloyd township schools.

Most of the arguments advanced by the opponents to consolidation in Buffalo township are not so much arguments against this form of school organization, as against the way in which it is applied locally. If the country children are permitted by their parents to attend school but four or five months in the year, the parents are derelict of their duty toward their children and must bear much of the blame. If the grading in the Buffalo Center school is so devoid of flexibility that the less favored pupils can not be reasonably classified, the management of the school should modify the grading in a way to meet the needs of these pupils, as well as the needs

avored. If children suffer from cold, or are unprotected in the storms, the fault is with the board in not providing the best facilities for transporting pupils. Wagons designed and built specially for this service and owned by the district would entirely remove this objection. But with the consolidated school two miles from the center of the district, it is impossible that all the difficulties can be removed that are met with in this particular district, which maintains, nevertheless, a good school with high school advantages free to every child in the township.

CONCLUSIONS.

From personal inspection and study of some of the consolidated schools in this state, supplemented by the study of reports from other states where the system has been longer in operation and is much more general, I reach the following conclusions:

1. Pupils in consolidated schools very generally enjoy better school privileges and are taught by better teachers than under the old district plan.
 2. Where transportation is provided for all pupils the cost of maintenance is usually but not always more than under the district plan, but the enrollment is so much larger and the attendance so much more regular that the increased benefits equal or outrun the increased cost of maintenance.
 3. Where consolidation is successfully established, the opposition at first engendered gradually disappears and bitter opponents often come to be ardent supporters of the new plan when they see the superior benefits it secures to the children.
 4. Where transportation is made the fixed policy in any district, wagons specially designed for transportation purposes should be owned by the district. This will result in the greater comfort of the children and make it easier for the board to secure competent drivers,—a matter of the greatest importance.
 5. Children should seldom, if ever, be required to ride a greater distance than five miles. The very long rides are both expensive to the district and hard on the children. It follows from this conclusion that the civil township is, in general, too large a unit for a school district maintaining but one school. The law should authorize the change of boundaries between contiguous school townships or between school townships and independent districts in such a way that consolidated districts of smaller area than the civil township could be established. The size and outline of the consolidated district should be determined by the physical features of its area and by the location of the homes to be accommodated. The homes on opposite sides of a public highway should be in the same district; hence half section lines or quarter section lines, rather than section lines, should in the main separate school districts.
- While an area somewhat smaller than the civil township is preferable as a permanent school unit, *township* consolidation is practicable where the roads are good and the schools are small.
6. The consolidated school should in the main be kept in the country or in the small country village. The school should be the social center of the community. Where one or more country districts are consolidated with a city district, the course of study should be made sufficiently flexible to pro-

vide for the classification, without loss, of those pupils who can attend only during the winter months.

7. The need of consolidation should appeal most strongly to those of the many districts where the children are so few that an *efficient* school can not be maintained. There is an urgent need of consolidating such districts. The need is less urgent in districts where a good attendance is maintained, for a district school with a good enrollment and an excellent teacher may be an excellent school.

ALBION CONSOLIDATED SCHOOL.

The principal of this school, Mr. James H. Dutton, gives the following statement under date of January 11, 1905:

Fifty-one children are being transported this year to the Albion school. Three teams are used to transport them. The drivers furnish the teams and conveyances, and are paid \$30 per month for their service. The hacks are comfortable, being warmed in severe weather by means of stoves. Selection of drivers is made by the school board who first consult the patrons as to their choice of applicants. Obtaining good drivers is a matter of no difficulty here.

Six teachers are required in the consolidated school. If we did not have consolidation, three would be required in Albion, and three in the districts.

The patrons after a fair trial are generally well satisfied and know they have much better school privileges than under the old organization. There have been fourteen more in the high school this year than last. A number of pupils entered school who would not be here but for the superior advantage afforded. Ten pupils from outside the consolidated district are attending tuition in the high school.

MARATHON CONSOLIDATED SCHOOL.

This district is composed of what was formerly the independent town of Marathon and five subdistricts of the school township of Poland. The district contains $24\frac{1}{4}$ sections. Three subdistricts remain under township organization which has no organic connection with the Marathon consolidated district.

In 1903 a school building was erected in this district at a cost of \$10,000 and the school under the new organization opened November 9, 1903. At present time there are 268 pupils enrolled, 111 of them from the country and 157 from the town of Marathon. Five teams are required to transport the pupils. Drivers furnish their own conveyances and receive an average compensation of \$34.25 per month.

Before consolidation six teachers were required in Marathon and the country schools since abandoned. Eight teachers are now required in the consolidated school. It has thus been possible to eliminate two teachers. The saving of the salary of three teachers and the saving

repairs incident to closing five buildings will very nearly pay for the transportation of the pupils, who now have access to an excellent school and high school privileges.

CONSOLIDATION IN INDIANA.

From a report recently issued by State Superintendent Fassett A. Cotton, Indiana, it is shown that 783 district schools have been abandoned in that year and 5,396 children transported to central schools. For this service 378 drivers are required at an average cost of \$1.60 per day or \$32 per school year.

From a detailed report on consolidation in Lagrange county, Indiana, for the school year 1903-1904, it is shown that consolidation has been effected in eight of the eleven townships. The county superintendent, H. S. Gilman, furnishes the following statement:

The drivers carry watches and consult them while on the route.

Each driver keeps the time of the consolidated school, generally within five minutes of the regular school time.

The rate of speed while on the route averages five miles per hour for the greater part of the day.

The time of arrival varies from ten to fifteen minutes prior to the opening of the school.

The more remote pupils ride about five miles and 60 per cent ride three miles or less.

Children are kept comfortable by stoves, patent heaters, blankets and firewood.

The greatest advantage to the service is township ownership of hacks and the consequent improvement of roads.

The drivers exercise due responsibility in promptly and safely conveying the children to school and returning them to their homes. They also, by example, prohibit questionable language, undue familiarity and boisterous conduct in or about the hacks.

Eighty-five (85) per cent of the patrons have reported the consolidated service as their preference in comparison with the "old way."

The following statement of gains and losses due to consolidation in this county is also given:

Number of schools receiving conveyed pupils.....	14	
Number of schools abandoned.....	38	
Additional teachers required in the central schools	7	
Saving in number of teachers.....	31	
Saving in salaries of teachers.....		\$10,651.60
Saving in fuel and repairs.....		2,260.00
		<hr/>
Total saving.....		\$12,911.60
Number of pupils conveyed.....	428	
Number of hacks required	29	
Total cost for transportation for the year.....		6,176.86
		<hr/>
Net saving, not counting additional cost of fuel and janitor service in consolidated schools.....		\$ 6,734.74

TUITION PUPILS IN THE GRADED SCHOOLS.

There are 770 graded schools in Iowa. Of this number 544 had, last year, tuition pupils from country districts either in the grades or high schools or both. The aggregate number of tuition pupils with the amount received by graded schools for tuition for the year ending September 1,1904, is as follows:

	Boys.	Girls.	Total.
Tuition pupils below ninth grade.....	2,022	1,910	3,932
Tuition pupils in grades nine to twelve, inclusive.....	2,701	3,255	5,956
Total number tuition pupils in all grades.....	4,723	5,165	9,888

Tuition received below ninth grade	\$ 34,579.14
Tuition received in high school grades	79,968.08
Total tuition received	\$114,547.22

	Mills.
Tax levy for school purposes in cities and towns (on basis of 383 reports)—	
Teachers' fund	15.1
Contingent fund	6.5
Tax levy for school purposes in country districts (on basis of averages reported from 70 counties)—	
Teachers' fund	7.9
Contingent fund	2.6

TEACHERS EMPLOYED

in the 134 towns and cities of Iowa, having a population of 1,500 or over.

Total number employed	3,974
Number who are graduates of the Iowa State Normal School...	367
Number who are graduates of other state normal schools.....	136
Number who are graduates of some college or university	719
Number who are graduates of academies, private normal schools or high schools maintaining a four-year course	2,200
Total who are graduates	3,432
Number with no experience	
Number who hold state certificates or life diplomas	

EDUCATION OF THE FARM BOY AND GIRL.

* * * Have the advantages for the education of the farm boy and girl kept pace with the advancement in all other lines of society? Is the little schoolhouse, with its poor equipment, with the poorly trained teacher in many instances, and with very poor work in the common branches sufficient to meet the demands of today for the common school education?

Have we not reached the period in all the central western states where nothing short of a well equipped schoolhouse, a first-class teacher and a course of study revised to meet the demands of the times, are a necessity for our children?

I believe that every farmer who reads this article will agree with me that conditions have changed since he was a boy, and that it takes a better informed mind to be a successful farmer or business man today than it did ten years ago.

It is safe to say that the time has come when the farmer must have within comparatively easy reach of his home a well constructed schoolhouse, thoroughly equipped for giving the best of modern education. He ought not to have to send his son or daughter away from home to school until at least ten years of the work of the modern high school has been completed. The farm boy and the farm girl should be at home at nights while they are getting their general education. These conveniences may be had everywhere through the consolidation of schools in localities of mutual interests. This has already been done to a large extent in Indiana, and the plan is under good way in Iowa and some other western states.

There is no reason why the farmers should not provide these conveniences for the education of their children. It is nothing more than they are doing to provide themselves with better means of breeding and handling their stock and improving their farms, and certainly their children's welfare is of much more concern than any farm or stock improvements. * * *

The new conditions of life on the farm demand improvement in general education for the farm boy or girl. It is presumed that the course of study should contain a good course in bookkeeping, and facilities should be provided for a certain amount of industrial work. The children in the grades should be taught to make various articles, such as cardboard modeling, clay modeling, weaving of rugs and hammocks, baskets with raffia, reed and willow, doll houses with raffia furniture and various articles that may be easily made under the direction of a trained teacher, and both the children of the grades and the high school should have access to a shop where they may learn to make articles by the use of simple tools. This work is not to be carried on with the idea of making carpenters or artisans of all, but with the thought in view of cultivating a desire and an appreciation for such work and the further idea of giving the pupils the opportunity to acquire the ability to help themselves and thereby to help others. A few hours a week of such work as this will prove invaluable to any child. Parents have not come to the realization yet how much this industrial work means to their children. The expense of providing this equipment is nominal, compared with the good to be received, and the pupils need very little instruction in order to acquire the training it is intended they shall secure from such work.

* The proper education of the farm boy and girl can not be neglected

without bringing ruin upon the farming communities. If these advantages are not provided the farm boys and girls will drift away early into other callings. If the right kind of schools are provided for the country boys and girls they will remain at home until they receive this general education, and then if they have gifts in other directions it will be time for them to seek special schools.—*Pres. O. H. Longwell in Twentieth Century Farmer.*

A NEW ARGUMENT.

The arguments commonly advanced for the township consolidation of rural schools are, first, the increase in the efficiency of the teaching, second, the economy in financial expenditures for the support of the schools. A third argument which we have not heard advanced is the increase, without extra expense, of the size of the school grounds, which, considered in the light of fifty or a hundred years hence, is as potent an argument for rural consolidation as either of the first two.

The instituting and observing of Arbor day the past few years has suggested the idea of preserving the native woods of, for instance Iowa, by planting on school grounds all trees and shrubs that are indigenous to Iowa soil. This, to be effective would require larger plats of ground than at present is set off for school purposes. No rural school plat should contain less than ten acres of ground, which should be set out, in large part, in the form of small groves each containing trees of a kind; there being as many small groves as there are trees indigenous to the soil. What an ideal for a school environment, where the pupils have an opportunity to commune with nature direct, and under conditions best fitted to stir the proper emotions of the soul and inspire to higher thoughts and aspirations! And yet how feasible and easy of attainment, while land is comparatively inexpensive, especially by consolidating the eight or nine districts of a township into one, and appropriating the amount of ground to the one district, that is already appropriated to the nine. Now is the time to inaugurate such a movement. One hundred dollars an acre for such a purpose would be economically spent. The time is coming in the future when America shall have reached the density of population, already attained in some of our European states, when land will have risen to such a value as to prohibit such a proposition as presented above.

County Superintendent Cole, of Cerro Gordo county, asks in the November number of the *Midland* schools, the question, "Would the migration to the city be so great if our rural pupils were offered that which would develop and make them intelligent and scientific farmers, thereby making rural life more attractive?"—A very pertinent question.—*Union County Public Schools*

ie Phase of the Teacher Problem

The Greatest Need of Any School is
a Trained and Competent Teacher.

THE LICENSING OF TEACHERS

Address:

before N. E. Iowa Teachers' Association Dubuque, Oct. 22, 1904.

by

JOHN F. RIGGS.

Superintendent of Public Instruction.

purpose in discussing at this time the hackneyed subject of examinations. In a little more than a year from now the Thirty-first Assembly of Iowa will meet. At that time some important legislation will be urged, and doubtless one of the most important will relate to the examination of teachers. But all efforts looking to a change of our laws on this important subject will be utterly futile unless we have strong teachers in the ranks, and the county and city superintendents and the state give earnest support to the measures which may be proposed.

Therefore, discussing this year in the four district meetings of the question of licensing teachers in the hope that the leading teachers at these meetings may be set to thinking on this subject long enough to advance to have well-grounded convictions when our legislators meet in general assembly; and if you shall come to agree with me that radical changes in our system are needed, I ask earnestly that you present your views on this subject to the men who may represent you at the general assembly, and that you use your influence in creating a sentiment in favor of the changes proposed.

It is the opinion that we now have much needless examination of teachers. I am also of the opinion that, by some hook or crook, a great number of persons secure certificates who never, in their lives, passed a satisfactory examination.

One of our law requiring teachers to hold a county or state certificate as a qualification is, that without the barrier of an examination, many persons would occupy the teacher's office. In so far then as the law prevents persons from securing certificates despite this barrier, the purpose of the law is defeated; and, in so far as competent teachers are re-examined because the law permits or requires it, no benefit results, but a needless burden is imposed upon the teachers.

But the scholarly and well prepared were to seek positions as teachers, they might abandon examinations altogether and have free teaching, without certificates. But with the conditions as we have them, the examination of multitudes of the illy prepared clamoring to enter the teachers' ranks becomes a necessity. But, they are a necessity only for as long as scholarship and general fitness for the teachers' office are not

fully determined. That is to say, after a teacher by an honest entrance examination demonstrates that she possesses adequate scholarship, and ~~then~~ by practical experience in teaching demonstrates her ability to govern and instruct youth and is withal a student and actively interested in the educational movements of her city or county; there is little reason for calling her before the county superintendent once a year to find out whether she has forgotten anything or has learned anything new.

I have a very high opinion of the integrity and ability of the county superintendents of Iowa. There is, doubtless, not one of them who does not earnestly desire to deal justly with every applicant and to issue certificates to those candidates only who are fully prepared for the work of teaching. But the superintendent who attempts to adhere strictly to a high and uniform standard is so beset by friends of illy prepared candidates that official life becomes a burden and under the pressure it would not be surprising if the less resolute should stifle convictions and yield at this point and that, and thus subject the schools to the rule of immaturity and inefficiency.

Former State Superintendent Harvey of Wisconsin in one of his excellent reports says that 90 per cent of the county superintendents of that state, in the year 1900, bore testimony to the fact that they were unable to limit the issue of certificates to people whom they believed to be thoroughly qualified for the work of teaching; that they were beset by political influence demanding that certificates be issued to friends and relatives of the political supporters of this officer without reference to qualifications.

Wisconsin is not Iowa, but if this condition existed in 90 per cent of the counties in Wisconsin in 1900, may it not exist to some extent in some of the counties of Iowa in 1904. I contend that it is both impolitic and unjust to subject the county superintendent to this tremendous pressure.

It is evident to any one familiar with the facts that the standard in some counties is very much higher than in others. We may now have ninety-nine standards in this state, and the standard in any county may be changed whenever a new superintendent is installed in office. And the law recognizes this in that it does not permit any recognition in one county of a certificate issued in another county. It is not even permissible under our law, as it is interpreted by the attorney-general, to have an examination written in one county and have the manuscripts forwarded to another county for grading. The county line in Iowa, so far as certificates are concerned, is an absolute barrier.

But our present system not only gives us varying standards and subjects our county superintendents to the persistent importunity of unqualified persons who seek certificates, but it requires that the superintendent devote time to this work that he could more profitably spend out among the schools, inspiring teachers and pupils and creating a healthy school sentiment among the people. I am aware that many people believe the county superintendent has two essential duties: one to examine teachers and the other to draw his salary. But some of the live county superintendents of the state are demonstrating their greater value in awakening teachers and pupils and patronizing to their best endeavor for the improvement and strengthening of the schools.

such counties it is a distinct loss to the school to withdraw the superintendent from this essential work and set him to poring over examinations. In more than 80 per cent of the counties of Iowa examinations are every month, as prescribed by law, and sometimes two or more examinations are held in the same month. The week following most of these examinations, is largely devoted by the superintendent to reading manuscripts and making out and mailing returns. Last winter I asked our county superintendents to state the number of days spent each year in this work, from the answers received, I find that the average is fully fifty days a year for each county. Indeed, the time spent would be much more were it not for the fact that in more than four-fifths of the counties of Iowa the institute directors assist in reading and marking manuscripts written at the opening or close of the summer institute. But this class of help is expensively costing the counties from five to ten dollars per day for each person employed. So it comes about that the examination of teachers in this state is ended with very considerable expense.

Now, instead of this county system with its many inherent weaknesses, I proposed to adopt the state system of qualifying teachers.

The essential differences would be, first, in the number of examinations; second, in the persons who would mark the examination manuscripts; and third, in the value of the certificate issued and its effect on standards and salaries.

Instead of having examinations every month of the year, there would be three examinations. Two of these would be held in the summer—one in June and one in July. A third examination would be held in October for the accommodation of those deprived of attendance upon a summer examination or who were to teach the winter term only. Then, for emergency, a fourth examination would be assigned for February. So, with examinations the last of February, June, July and October, the entire body of teachers in any county could be accommodated quite as well as with twelve examinations, as now provided by law. The examinations would be conducted in the several counties under the direct supervision of the county superintendent as at present. At the conclusion of the examination the county superintendent would forward all the manuscripts, with possibly one exception, to the office of the state superintendent, and the scholarship of each applicant as shown by the examination manuscripts would then be determined by readers appointed by the state board of educational officers. The certificate issued would be effective in any county of the state, when registered with the county superintendent and receiving his official signature. Under this system a standard uniform for this state would be secured; county lines, so far as certificates are concerned, would disappear, and the value of the certificate would be greatly increased in that it would be practically a state certificate. And, further, an incentive would be held out to teachers in that the higher class of certificates would be subject to renewal solely on the condition of continued successful teaching. The effect of such a law would be seen in a raising of the standards and in an increase of the salaries of teachers.

We have heard much of low salaries of teachers in Iowa, and the demand for better salaries has been repeatedly made through the press and from the public platform. Most of our teachers are underpaid. We will all agree to

that proposition; but I say to you that there are teachers who would be ~~paid~~ paid at any salary.

The strong teacher is in a sense in competition with the weak. It *is*, therefore, to the interest of the good teachers and to the interests of *the* people and of the people's children that the poor and incompetent teachers be eliminated.

I want to see the time in Iowa, and I hope I may see it very soon, when the strong, successful teacher can demand reasonable wages for her services, and when she can say to the school board: "If you do not wish my services at a fair salary, I will teach somewhere else." She can do this when her certificate is good in any county and when there are more schools hunting teachers than teachers hunting schools.

Fortunately we are not left in doubt as to the practical workings of a system such as I have suggested. For ten years New York has had the state system of licensing teachers. Minnesota has had such a system five years, and South Dakota two years. The reports I have received from each of these states commend the system as satisfactory and as a great improvement over the old method of county certification.

Since the conditions prevailing in Minnesota and Iowa are not greatly different, a law that works well there ought, if adopted, to work well here. I want, therefore, to read to you the testimony I have received from a few of the leading county superintendents of Minnesota. I will read brief extracts only to show the general trend of the answers received to my questions as to whether the law was satisfactory and whether it had tended to raise the standard of teaching. Every superintendent to whom I wrote made reply, and 95 per cent of them commend the law as just and eminently satisfactory.

Supt. Geo. F. Howard, of Rochester, says:

It secures uniformity of certificates throughout the state, and teachers are not caused trouble and expense to secure another certificate when they cross county lines to teach as many do. It takes the marking of the papers out of the hands of the county superintendent and relieves him of a large amount of drudgery. It eliminates the matter of favoritism in the granting of certificates, which is one of the greatest evils of the county system of certification. It raises the standard of both teachers and schools and, combined with special aid to rural schools, is doing more to elevate our schools to higher and better things than any other agency that has ever been at work in our state.

Supt. G. E. Parkhill, Fergus Falls, says:

Otter Tail county, the largest in the state in number of school districts, employ about three hundred teachers. Eighteen of this number hold county certificates granted upon private examination. This was made necessary last fall on account of a shortage of teachers. Otherwise every teacher in the county holds a regular state certificate granted by the state superintendent of public instruction. We have always had training schools and still have a six-weeks' summer school and four county teachers' meetings yearly, yet nothing has so effectually raised the standard of our whole teaching force as has our strict observance of the spirit and letter of our present certificate law. The privileges granted under our present law for the issuing of local certificates should be trimmed again. We are now ready for more rigid uniformity and equality in the licensing of teachers.

You will see by the above paragraph that we are willing to go on record for a still higher standard of qualifications and that this standard can be best obtained by a more rigid law for the examining and licensing of teachers.

Supt. Martin L. Pratt, of Granite Falls, says:

The strongest point in favor of the law is that the teacher must depend upon his own exertions, and not on his political influence, in order to get a certificate. There can be no valid objection to the law. It is fair and impartial.

Supt. Fanny G. Gies, of Austin, says:

I believe the work of the rural schools in any state would be improved by the state licensing of teachers. There will be opposition at first from some of the best county superintendents who had high standards and ideals and felt that their authority may be curtailed, and of course opposition from that class of superintendents who occasionally use the granting of certificates for political purposes. But this opposition will soon die out, as it has here, when the majority realize that the standard for teachers of the state as a whole is gradually being raised through this system.

Supt. F. L. Williams of Watertown says:

I am well pleased with it. It has now been in force for more than four years and in that time it has accomplished much good.

First, it has practically done away with political grafting.

Second, it has increased the standard of education among our teachers, permitting them to prepare on a special line of work instead of a constant repetition of all the common branches.

Third, it has had a tendency to raise the wages of the teacher. I believe the wages in my county have increased from 12 to 15 per cent since its passage. I see no serious drawbacks to the law at present.

Supt. Geo. D. Goodrich, of Anoka, says:

The advantages of the Minnesota law may be summarized under five heads:

First—Absolutely impartial, or as nearly so as human arrangement can be.

Second—Uniformity throughout the state.

Third—Certificates are good anywhere, and teachers can take the examination wherever it is convenient.

Fourth—The county superintendent is relieved from the criticism or enmity of those who fail; also from the work of looking over the papers, and has more time for other important school matters.

Fifth—The work of examination is put largely in the hands of experts who have usually been broad minded people of sense and judgment, as well as culture.

Supt. S. J. Race, of Redwood Falls, says:

We have never had such excellence, such fairness, such uniformity and such completeness, as now exhibited in the Minnesota state certificate law. The law, while only in operation six years, has raised the standard of teaching and teachers' scholarship fifty per cent. There can now be no partiality, nor political unfairness in teachers' certificates.

Supt. Julius Boraas, of Red Wing, says:

The system of state examinations for teachers has established uniformity throughout the state, done away with 'pull' and local influence in securing certificates, and elevated the standard of teaching as a whole. It provides for a reasonable system of renewals placing teachers on a more permanent basis than before. Though there are defects in the system they are far less numerous than those of the old county system.

Supt. Mary A. Hanson, of Detroit, says:

After four years of state examination and licensing of teachers, the result manifest in our county is a constantly rising standard of scholarship in the teaching force, and a larger percentage of our teachers attending normal and other higher institutions of learning, in order to meet the requirements.

Supt. G. M. Cesander, of Winthrop, says:

The Minnesota law relative to the examining and licensing of teachers has given a universal satisfaction throughout the entire state.

It has established under the careful supervision of the department of public instruction a uniformity of grading and marking examination papers. I know of no other plan which would be more complete and more accurate as an impartial test of the applicant's scholastic qualification.

Supt. G. C. Borchardt, of Madison, says:

It has in this county raised the standing of the teachers over 33 per cent, I am sure. We have better and stronger teachers as a result of the law. The average salary of teachers in this county for this year will be \$44 per month. I can truthfully say that it is my experience that a teacher who can not pass our examination is not prepared to teach in the schools of the state, or any other state, for that matter.

Supt. W. E. Freeman, of Mankato, says:

It has been my observation that the state system of marking teachers' examination papers has raised the educational standard of the teaching force of the state and has dignified the calling. Some tax-payers object to the state system because teachers are demanding and receiving higher salaries. Such objections are not founded on good grounds for the superior scholarship and better work of the present teaching force of this state demand a higher salary than was paid five years ago.

Such is the testimony of men, many of whom have had experience as officers under both systems and all of whom, because of their official positions, and their professional standing, are well qualified to speak with authority on this subject.

The teacher who is prepared for her work should welcome the change proposed. The examination questions would be no more difficult than those that have been furnished by the state department of education for the past twenty years. The only difference would be a more critical reading of the answer papers, and a possibly closer marking. I am perfectly well aware that a great wail would go out from those unable to pass the state examination; but for such there would be one remedy only, and that, to become proficient in the branches of study covered by the examination. To those sufficiently well informed in a subject to teach it successfully, an examination would have no terrors.

Should the marking of examination manuscripts come under state authority, the greatest care would be exercised to secure a perfectly fair return for each applicant. Aside from the readers, who would be carefully selected, a review board would be retained to re-read the papers of those candidates who fail by a small margin or who fail in one or two subjects. Teachers would also be given the privilege of combining the results of two consecutive state examinations. That is to say, if one examination were successful in a part of the subjects, it would not be required of the candidate to write on the same subjects at the next succeeding examination. This is the method followed both in New York and Minnesota. It would seem that with this assurance any qualified teacher would feel safe under the state system, and since it opens the way to professional recognition in a manner not possible with our present county system of certificating teachers, our best teachers should, in my judgment, welcome this change, and should use their influence to bring it about.

The legislation I have outlined in this address will, I believe, commend itself to the good judgment of the men who will constitute the membership of the Thirty-first General Assembly to meet early in 1906. But no important school legislation can be expected except as the strong teachers and superintendents of the state stand united in its earnest advocacy.

I have, therefore, presented to you, at this early date, proposed changes in our laws governing examinations in the hope that a candid consideration of the same may enlist your hearty support.

ONE PHASE OF THE TEACHER PROBLEM.

FREQUENT EXAMINATIONS NOT NECESSARY.

The Iowa law requires that the county superintendent devote the last day of each month and the Friday preceding to the examination of teachers.

Taking the average for the state the examinations held in the different months are attended as follows:

January.....	3+	per cent of all the applicants for the year.				
February	5+	"	"	"	"	"
March.....	10-	"	"	"	"	"
April	4+	"	"	"	"	"
May.....	1+	"	"	"	"	"
June	7-	"	"	"	"	"
July.....	13-	"	"	"	"	"
August	33-	"	"	"	"	"
September.....	9-	"	"	"	"	"
October.....	5-	"	"	"	"	"
November	5-	"	"	"	"	"
December	5+	"	"	"	"	"

Our examinations would serve all interests quite as well. If the teachers of the state were made to know that the examination could be taken *only* one of February, June, July or October, they could attend *one* of these examinations. Minnesota and South Dakota get along very well with two examinations for the year, while the great state of New York has but four examinations.

CHANGE NEEDED IN OUR LAWS GOVERNING THE EXAMINATION AND CERTIFICATION OF TEACHERS.

- . The number of examinations should not exceed four in any one year.
- . The county superintendent should be required to conduct examinations in accordance with the rules prescribed by the superintendent of public instruction, using the same lists only.
- . The county superintendent should not be permitted to admit to the examination any person morally or physically unfit to have charge of children and youth.
- . The county superintendent should be required by law to forward all examination papers, except the papers in theory and practice of teaching, to the superintendent of public instruction immediately upon the completion of the examination, said papers to be read and graded by readers appointed by the superintendent of public instruction or by the state board of educational examiners.
- . The county superintendent should be required to grade all papers in theory and practice of teaching, taking into consideration the knowledge they may have of each applicant's success as a teacher or fitness for teaching rather than scholarship. He should also examine each applicant in oral reading, his markings in theory and practice of teaching and in oral reading to be forwarded to the superintendent of public instruction not later than one week after the close of the examination.

6. An applicant passing a successful examination should receive a certificate signed by the superintendent of public instruction, the same to be valid in any county in Iowa when countersigned by the county superintendent of that county.

7. The life of a certificate should be longer than now permitted by law, and reasonable provision should be made for the renewal of first-class certificates.

8. In any change made in the method of examining and certifying teachers, adequate support of the county institute fund should be maintained.

"The uniform certification law has exceeded the most sanguine expectations of this department in its effects upon the standard of the teaching force of the state. In fact it has produced a veritable revolution in its brief history. * * *

The new law dignifies the profession of teaching, places every candidate entirely upon his merits, destroys all possibility of favoritism and gives to the worthy teacher a credential in which he may take pride, and which is good, or may be made good, in any county of the state."

HON. G. W. NASH,
State Superintendent of South Dakota.

"It is everywhere conceded that the present plan has decided advantages over the old one, where every county superintendent had a standard of his own, or no standard."

HON. J. W. OLSEN
State Superintendent of Minnesota.

SCHOOL BUILDINGS AND GROUNDS.

SCHOOL BUILDINGS AND GROUNDS.

"Children as well as older people are affected by their environments, and nowhere is this more clearly shown than in the schoolroom. The silent beauty radiating from the harmoniously tinted walls and ceilings; from beautiful decorations consisting of pictures, casts and plants, quickens and purifies the taste. Such beauty of surroundings has a subtle, silent, ethical influence which is not so much seen as felt."

INTRODUCTION.

The past twenty years has witnessed a marked advance in school architecture in our larger towns and cities. In many country districts, as well, great care is taken in the construction, ventilation and lighting of the schoolhouse; but in more cases where the smaller schoolhouse is to be erected, little effort is made to secure architectural beauty or improved methods of construction. Many country school boards do not secure plans and specifications from an architect because of the expense involved. As a result, the new schoolhouse is likely to be built on the general pattern of the old one it displaces.

The following pages have been prepared to assist country school boards in the important work of schoolhouse construction. A number of cuts are shown. A low price for complete plans and specifications of each, including the blue prints, can be secured from the architects. For information, the county superintendent should be consulted.

I can not urge too strongly the need of an enlightened and liberal policy in schoolhouse construction to the end that the schoolhouse be attractive in appearance and scientifically constructed. It may require a few dollars more to secure such a schoolhouse, but it should be remembered that the district is building for half a century at least, and only the best should be considered. The schoolhouse with its surroundings should be the most attractive place in the district, in which every child and every patron will take pride. And the schoolroom should not only be inviting, but it should be so ventilated, lighted and heated that the physical health and mental energy of the children shall not be impaired.

RURAL SCHOOL ARCHITECTURE.

(The articles on "School Site," "School Building" and "Ventilation" were prepared by Mr. W. H. Gemmill, Superintendent of Dallas Center Schools.)

THE SCHOOL SITE.

In selecting a site, the area of the lot, the elevation, the character of the soil, the drainage, the direction of the slope, and the central location, should be considered. No school ground should ever contain less than one acre, with a frontage of 180 feet and a depth of 240 feet. In the larger con-

solidated district it should contain not less than two, and may very properly contain three acres. If possible it should be an elevated piece of ground, a small knoll, or a gentle slope, and the drainage should be away from the yard and house. The soil should be light, dry and porous. A sandy or gravelly subsoil affords the best drainage, while an eastern or a southern slope secures rapid evaporation. Under no circumstances should the stratum be clay impermeable to ground water. It is desirable that the schoolhouse should be located near the geographical center of the district, and the board should select the site with this in mind; but the site should be high and dry and the brightest and most beautiful spot near the center. Under no conditions should pleasant and wholesome surroundings be sacrificed if a better and more suitable site can be secured some little distance away. The additional distance in traveling will be labor well spent, if thereby, the pupils are placed in more beautiful and inspiring scenes.

The house should be placed in front of the center with the play ground in the rear. Where the house is heated by a furnace, the fuel supply should be stored in the basement. If there is no basement, a small building for fuel should be erected at the rear of the schoolhouse.

SCHOOL BUILDING.

The foundation walls of the schoolhouse should be brick or stone, and extend a little below "frost line." The walls should be at least one foot in thickness, and extend about three feet above the surface. It is usually well to have a vertical air chamber; and if there is no basement suitable ventilators should be provided on each of the four sides so as to permit of thorough ventilation of the space between the surface and the floor during the summer months. Good shutters should be provided for these openings in order that the winter's cold may not affect the air within the room near to the floor.

It would also be a step in the right direction if there were a basement under the entire building, partitioned into a furnace-room, a work shop, and a kitchen. Adequate, but inexpensive tools for manual training can be bought for twenty-five (\$25) dollars. Here the boys would learn to construct simple things in a scientific manner, and even supply the apparatus necessary for the school. A good stove and some kitchen utensils would be sufficient for the teaching of the simple principles of domestic economy. These are practical things, and by their introduction we are but meeting the crying demands of the hour.

The basement should be about 8 feet high, and should be well supplied with cupboards, shelves, tables, etc.

"The house should be simple in construction, yet dignified in its adornment, and devoid of all attempts to be elaborate in appearance," writes an architect.

As a traveler passes through Iowa, he soon learns that white is the dominating color of our schoolhouses. Why this simple color is used so generally we do not know; but we are confident that a more attractive building may be secured at no increase in the cost if other colors were used. The following has been suggested:

"Colonial style of light yellow with white trimmings makes an excellent combination at once pleasing to the eye. Also gray tints and darker trimmings, or light yellow with

dark green trimmings are both beautiful and reasonable in price. Plain walls and green blinds make a picture both attractive and pleasing."

VENTILATION.

"The simplest and most efficient form of ventilation for rural schoolhouses is a cold air box from an opening in the foundation wall, under the floor to a point immediately beneath the stove. It should be as short and direct as possible. The fresh air conduit should be covered at both ends with coarse wire, and in the shaft screens placed so as to exclude the flies. The opening beneath the stove should be provided with a slide which may be completely closed when the room is swept."

"The stove should be surrounded by a Russia iron jacket, fastened to the floor and extended 8 inches above the stove. By this means, fresh air is admitted into the room in any required volume, and passed near the stove in such a way as to be warmed before passing throughout the room."

The register opening into the ventilating flue, or chimney, should be about two feet square, and about two inches from the floor.

Any schoolhouse provided with this simple appliance, will be reasonably well ventilated at all times when the stove is used for heating purposes. During the remainder of the year ventilation can be secured by opening the doors and windows.

The chimney and ventilating flue should be built together.

Many rural schoolhouses are now heated by furnaces, and when properly equipped the subject of ventilation ceases to be a complex problem.

OUTHOUSES.

For rural schools the outbuildings should be located in the rear of the lot and as widely separated as possible. They should be screened from observation. A row of White Spruce or Red Cedar properly placed will make an effective screen in a few years and will add to the beauty of the place. In eastern Iowa, Arbor Vitæ may also be used. The closets and urinals should be so constructed as to provide for the separation of pupils using them, and they should be provided with vent flues so arranged that all foul odors and air will be carried out below the breathing line.

Inside walls and ceilings should be covered with matched boards and both the inside and outside should be thoroughly sand painted to prevent markings. In each of the buildings one seat should be provided so low that young children may occupy it and still rest the feet on the floor. These buildings should be well built. They should be raised at least one foot above the ground and placed on substantial foundations. The vault should be of cement or brick and made water tight. It should extend one foot beyond and in the rear of the building. The vault floor should slope toward the rear to facilitate cleaning, and the projection of the vault at the rear should be closed by a tightly fitting door secured by a lock. The contents of the vault should be frequently covered with dry earth, dry ashes or chloride of lime, and the vault should be cleaned at least once a year and thoroughly disinfected.

WATER SUPPLY.

Every school building should be supplied with pure water.

The well should be sunk on high ground and every possible precaution used to prevent contaminating matter of any kind reaching the water sup-

ply. If the well is of the ordinary type, the upper three feet should be built of hard brick laid in cement; and the top be securely covered. The water that has stood in the well through the long summer vacation should be pumped out a day or two before the school opens in the fall.

LIGHTING.

The schoolroom should be lighted by windows placed in the rear and side walls. Such windows should contain glass surface of not less than one-fifth of the floor space of the room and all desks and seats should be so arranged that the windows will be on the left and in the rear of the pupils. The room should be of sufficient size to allow not less than fifteen feet of floor space and not less than 180 feet of air space for each pupil.

SEATING.

In schools where two or more sizes of school desks are required, each separate row should contain desks of a uniform size. The prevalent custom in country schools of having four or five sizes of desks in each row—the small ones in front and gradually increasing in size to the rear—can not be too strongly condemned. Under such an arrangement either the desk or the seat will be too high. If one fits the pupil the other will not. The physical welfare of the child requires an arrangement of desks in ungraded schools as indicated below.

Single desks should be used and in the one room country school five sizes are usually required as follows:

Single Desks.					
Size.	Height of Seat.	Width of Top.	Length.	Floor Space.	Age Accommodated.
B	15 inches	15 inches	24 inches	81 inches	17 to 20
C	14 inches	14 inches	21 inches	27 inches	13 to 17
D	13 inches	13 inches	21 inches	27 inches	10 to 13
E	12 inches	12 inches	18 inches	26 inches	7 to 10
F	11 inches	12 inches	18 inches	26 inches	5 to 7

In placing the desks the following rule should be strictly followed:

For first primary pupils (size F desk) place the edge of the desk next to and in front of the child 9 inches from the back of the seat in which he is seated. For size E desks this distance should be 10 inches; for size D, 11 inches; size C, 12 inches, and size B, 13 inches.

BLACKBOARD.

The blackboard should be three feet six inches wide. Slate is recommended. It will cost more at the outset, but since no repairs will ever be required it is the cheapest in the long run. In ungraded schools the bottom of the blackboard should be two feet six inches from the floor. If the room is to be used exclusively for primary pupils, the bottom of the blackboard should be two feet from the floor, and if exclusively for advanced grades it should be three feet from the floor. The blackboard should extend entirely around the room, except in the spaces occupied by the doors and windows—

HIGH SCHOOLS.

SCHOOLS FULLY ACCREDITED TO THE STATE UNIVERSITY AND OTHER STANDARD COLLEGES OF IOWA.

PUBLIC SCHOOLS.

	Des Moines, North. Des Moines, West. Dubuque. Dexter. Dows. Dunlap. Eagle Grove. Eldon. Eldora. Elkader. Emmetsburg. Escherville. Fairfield. Forest City. Fort Dodge. Fort Madison. Garden Grove. Garner. Glenwood. Glidden. Greene. Greenfield. Grinnell. Grundy Center. Guthrie Center. Guthrie Co., Panora. Hamburg. Hampton. Harlan. Hartley. Hawarden. Holstein. Humboldt. Ida Grove. Independence. Indianola. Iowa City. Iowa Falls. Jefferson. Keokuk. Knoxville. Lake City.	Lake Mills. Lamoni. Le Mars. Lenox. Leon. Lisbon. Lyons. Malvern. Manchester. Manning. Maquoketa. Marengo. Marion. Marshalltown. Mason City. McGregor. Missouri Valley. Montezuma. Monticello. Mount Ayr. Mount Pleasant. Muscatine. Nashua. Nevada. New Hampton. Newton. Oak Park, Des Moines. Odebolt. Oelwein. Onawa. Orange City. Osage. Osceola. Oskaloosa. Ottumwa. Parkersburg. Pella. Perry. Postville. Red Oak. Reinbeck. Rockford.	Rockwell City. Rock Rapids. Rolfe. Sac City. Sanborn. Sheldon. Shell Rock. Shenandoah. Sibley. Sidney. Sigourney. Sioux City. Sloan. Spencer. Spirit Lake. Storm Lake. Stuart. Tama City. Tipton. Toledo. Traer. Valley Junction. Villisca. Vinton. Walnut. Wapello. Washington. Waterloo, East. Waterloo, West. Waukon. Waverly. Webster City. West Liberty. West Union. Wilton. Williamsburg. Winterset.
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PRIVATE SCHOOLS.

hool(Sioux City). r Sem. (Osage.) Col. Academy. stitute. mal School. inary. .. (Mt. Pleasant.) ademy. bran College.	Mount St. Joseph Academy (Dubuque). Nora Springs Seminary. Northwestern Class'l Acad. (Orange City). Sac City Institute. St. Agatha's Sem. (Ia. City). St. Frances Academy (Council Bluffs).	St. Mary's High School (Iowa City). Washington Academy. Wilton German-English Col. Whittier College (Salem). Woodbine Normal School. St. Katherine's (Davenport).
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PARTIALLY ACCREDITED PUBLIC SCHOOLS.

ile. Eldon. Elkader. Farmington. Fayette. Fonda. Fontanelle. Grand Junction. Hubbard. Keosauqua. Kingsley. Lime Springs.	Mapleton. Mechanicsville. Milton. Morning Sun. Moulton. Neola. New Sharon. North English. Northwood. Riceville. Richland.	St. Ansgar Semin'y. Shelby. Sioux Rapids. Springdale. Springville. State Center. Tabor. Winfield.
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HIGH SCHOOL FACULTIES.

College Preparation, Experience, Number Employed,
Recitation, Periods, Degrees.

Institutions Attended One or More Years.	Attendance, number-years-number teachers-experience, years, periods							
	Four- year		Three- year.		Two year.		All Classes.	
	Number	Average	Number.	Average	Number.	Average.	Number.	Average.
State University of Iowa	191	3.6	20	2.5	1	1	212	2.7
Other Iowa Colleges	450	3.4	78	2.1	21	2.4	549	2.5
Colleges and Universities of Other States ..	419	3.2	84	2.6	5	2.2	508	2.1
Iowa State Normal,	297	2.5	81	2.5	53	2.2	431	2.4
Other State Normals, ..	77	2.2	16	2	7	2.2	100	2
Other Institutions Above High School Grade....	76	2.3	4	2.1	12	2.6	112	2.3
*Total by Institutions	1,516	3.	255	2.5	75	2.3	1,846	2.9
Teachers-experience-recitations.								
Number of different teachers included in above report	1,300	3.7	214	3.	66	2.6	1,580	2.8
Number having experience	1,067	3.4	200	4.3	74	4.	1,341	3.1
Number reporting no experience,	233		14		24		261	
Total number of teachers employed	1,533		228		90		1,791	
Average number of recitations per teacher	5.6		11		12		8.1	
Number of schools reporting	301		170		89		560	
Degrees Held.								
Number holding Ph. D. degree	8		1				9	
Number holding A. M. degree	54		7		1		62	
Number holding A. B. degree	254		26		2		282	
Number holding M. S. degree	18						18	
Number holding Ph. B. degree	237		8		8		253	
Number holding B. S. degree	127		16		8		151	
Number holding M. A. degree	66		22		4		92	
Number holding B. Ed. degree	124		40		15		179	
Number holding L. L. D. degree,			1				1	
Number holding D. D. degree			1				1	
Number holding B. L. degree	23		1				24	
Number holding B. M. E. degree	1						1	
Number holding M. D. degree	2						2	
Number holding M. L. degree	2						2	
Total number of degrees held	503		124		26		653	

THE HIGH SCHOOL COURSE OF STUDY.

High schools are organized in this state under section 2776 of the Code which provides that the board of directors of any school corporation "shall have power to maintain in each district one or more schools of a higher order, for the better instruction of all in the district prepared to pursue such a course of study, and it may establish graded or union schools and determine what branches shall be taught therein, but the course of study shall be subject to the approval of the superintendent of public instruction."

It was doubtless the intent of the legislature that there should be something of uniformity in high school courses, hence the requirement that such courses be approved by the superintendent of public instruction. But after courses are once adopted whether with or without official approval, modifications are frequently made solely upon the motion of city superintendent, high school principal or school board. Something of the confusion that has resulted is shown in the detailed report on high school courses of study set out in the pages that follow.

The high school manual issued five years ago by the Iowa State Teachers' Association presented a four year latin course that is now followed more or less closely in a large number of our four year high schools. But aside from this there is little semblance of uniformity in the high school courses offered.

With the hope to formulate courses of study suitable for the various classes of high schools, a number of Iowa school people representing every phase of educational work above grammar grades, were recently asked as to what should be included in a two year, three year and four year course of study. The replies made show the widest divergence of opinion. Hence only a few general directions, on which there is substantial agreement, will be given.

Educators are fairly well in accord on the following points:

1. High school teachers should have training representing at least four years of college or normal school work above high school grade.

2. A four year course above grammar grade should not be attempted in districts where the assessed valuation is much or any below \$200,000, or where fewer than three thoroughly prepared teachers, devoting full time, can be employed.

3. A three year course will require the services of teachers on full time. In both the four year and three year schools additional teachers will usually be required if two more courses are offered.

4. In all high schools the recitation periods should never less than thirty-five minutes each and they should, if possible, be forty or forty-five minutes each. No subject should be pursued for less than eighteen consecutive weeks, and very subjects should be pursued for less than a full school year, thirty-six weeks.

5. Every two year high school course should contain six year units of work, every three year course twelve year units of work, and every four year course sixteen year units of work,—a unit of work being understood as one year's work of one period a day, or 180 or more recitations.

6. (a) In every high school offering a two year course of study the following should be required:

Algebra, one unit.

English, two units.

History, one unit.

Science, one unit.

Civics, one-half unit.

(b) In every course offered in a three year high school there should be required in addition to "a"—one year of plane geometry, and an additional year of English.

(c) In every course offered in a four year high school there should be required in addition to "a"—one year of plane geometry, an additional year of English, and an additional half-year of history.

7. The additional work needed for any course may be selected from the following options:

Algebra, one-half unit.

Algebra review, last half of senior year, one-half unit.

History, one unit.

Economics, one-half unit.

Physiology, one-half unit.

Science, one unit.

English, one unit.

Solid Geometry, one-half unit.

Bookkeeping, one-half unit.

German, two to four units.

Latin, two to four units.

Review of common branches in senior year, one unit.

Manual Training, one unit.

The following courses are suggested for guidance only. Educators are not fully agreed on any one of the courses in its entirety:

A TWO-YEAR COURSE OF STUDY.

NINTH GRADE.

FIRST SEMESTER.

English,
Algebra,
Civics,
Physiology,

SECOND SEMESTER.

English.
Algebra.
U. S. History.
Botany or Zoology.

TENTH GRADE.

English,
Algebra or Physics,
Economics,
General History.

English,
Physical Geography or Physics,
Arithmetic Review,
General History.

Note 1. The work in English for the first year may include Grammar, Composition and Literary Readings; and for the second year, Composition and Rhetoric, and English Classics.

Note 2. If Physics is given a place in the course, it should be for the entire school year.

A THREE-YEAR COURSE OF STUDY.

(From Bulletin of the State University.)

COURSE OF STUDY.

NINTH YEAR.

FIRST SEMESTER.

ENGLISH.
{ LATIN or
{ GERMAN.
ALGEBRA.
{ Physiology or
{ Zoology.

SECOND SEMESTER.

ENGLISH.
{ LATIN or
{ GERMAN.
ALGEBRA.
{ Botany or
{ Physical Geography.

TENTH YEAR.

ENGLISH.
{ LATIN or
{ GERMAN.
ALGEBRA

{ GENERAL HISTORY
{ or GREEK HISTORY.

ENGLISH
{ LATIN or
{ GERMAN.
{ Book-keeping or
{ Science.
{ GENERAL HISTORY.
{ or ROMAN HISTORY.

ELEVENTH YEAR.

ENGLISH.
PLANE GEOMETRY.
{ CIVICS or
{ U. S. HISTORY.
{ LATIN or GERMAN or
{ PHYSICS.

ENGLISH.
PLANE GEOMETRY.
{ Higher Arithmetic and
{ Algebra Reviewed.
{ Latin or German or
{ Physics.

A FOUR-YEAR LATIN COURSE.
(From] Bulletin of the State University.)

NINTH YEAR.**FIRST SEMESTER**

ENGLISH.
LATIN
ALGEBRA.
{ Physiology or
{ Zoology.

SECOND SEMESTER.

ENGLISH.
LATIN
ALGEBRA.
{ Botany or
{ Physical Geography.

TENTH YEAR.

ENGLISH.
LATIN (Caesar.)
ALGEBRA.

{ General History or
{ Greek History.

ENGLISH.
LATIN.
{ Science or
{ Bookkeeping.
{ General History or
{ Roman History.

ELEVENTH YEAR.

English.
LATIN (Cicero.)
PLANE GEOMETRY.

(U. S.) History.

English.
LATIN.
PLANE GEOMETRY.
{ History or
{ Civics.

TWELFTH YEAR.

ENGLISH.
LATIN (VIRGIL.)

Solid Geometry.
PHYSICS.

ENGLISH.
LATIN.
{ Higher Arithmetic and
{ Algebra Reviewed.
Physics.

HIGH SCHOOL COURSE OF STUDY.

Adopted by the Iowa State Teachers' Associati
December 29, 1899.

FIRST YEAR.

Latin, Recitations per week, 5
Algebra, Recitations per week,
English, Recitations per week, 4
History, (Ancient history preferred) 5

SECOND YEAR.

Latin, Recitations per week, 5
Algebra for first half of year, recitations per week, 4
Concrete Geometry, (Option B), half year, recitations per week, 4
English, Recitations per week, 3
History, (Modern or adv. U. S.), recitations per week, 3
Science (from group A), recitations per week, 4

THIRD YEAR.

Latin, Recitations per week, 5
Plane Geometry, Recitations per week, 5
English, Recitations per week, 3
French, German or Greek (Option A), 5

FOURTH YEAR.

Latin, Recitations per week, 4

English, Recitations per week, 3

Physics, Recitations per week, 4

Political economy, one-half year, recitations per week 3

Civics, one-half year, recitations per week, 3

French, German or Greek (Option B) recitations per week, 5

Options.

Group A—SCIENCE.

SECOND YEAR OF COURSE.—Botany throughout the year preferred; Zoology throughout the year, second choice. A half year of either of these subjects with second half of the year given to Physiography or Physiology or Geology or Astronomy will be accepted, but the one continuous study is decidedly preferred.

THIRD YEAR OF COURSE.—Instead of French, German or Greek, one full year of Botany, Zoology or Chemistry; provided has not been selected in second year.

Group B—MATHEMATICS.

SECOND YEAR OF COURSE.—Instead of Concrete Geometry, Advanced Arithmetic or Book-keeping may be taken.

FOURTH YEAR OF COURSE.—Instead of French, German or Greek, one-half year of solid Geometry and one-half year of Trigonometry may be taken.

The course contemplates nineteen recitations per week. Music, Free-Hand Drawing or Manual Training may be pursued in addition to these if desired; otherwise there should not be more than twenty recitations of thirty to thirty-five minutes each per week.

A NOTABLE EXPERIMENT.

The following report made by President Seerley, upon request, is commended to the thoughtful consideration of all persons interested in the high school problem.

THE REVISION OF THE PUBLIC SCHOOL CURRICULUM.

A Report Concerning Certain Tests That Have Been Made Regarding the Program of Studies of the Public Schools by the Advanced Training Department of the Iowa State Normal School,
—Wilbur H. Bender, Supervisor.

By Homer H. Seerley, President.

The Character of the Investigation.—For a period of more than six consecutive school years certain revisions of the public school standard curriculum have been in progress, careful tests of the suitability of all new work to the age and the development of the pupils have been made while the effect of all such changes has been observed and noted under the supervision of the Advanced Training School department of the Iowa State Normal School. These investigations have been conducted by Mr. Wilbur H. Bender, the supervisor of that department, having in view the abridgement of the curriculum wherever that is desirable or possible and also the enrichment of the course of instruction of the grammar grades wherever necessary. At the same time, a rearrangement of the branches of study assigned to the high school has been undertaken in order to secure such sequence as adapts all the varieties of the work accepted to the development and the capability of the pupils, endeavoring all the time to save in years of labor to be given and in needless effort to be required without any loss of educational results in either totality of scholarship or of mental development.

The Tests as Applied.—These tests have been given sufficient attention on the part of the training school faculty and have reached over sufficient time to enable such a report to be made as will give assurance that the conclusions announced are safe, reliable and scientific. In all these investigations Supervisor Bender has been materially assisted by expert critic teachers who are capable in qualifications and in experience and are in harmony with him in spirit and in purpose in faithfully carrying out the endeavors so as to reach successfully reasonable and fair conclusions. At the same time the pupils who have pursued this revised curriculum have been regularly admitted to the classes of the Normal School on the same plan as high school graduates and have been required to pursue the same studies in the same classes for a period of more than four years, their power as students and their capability as workers being compared through the reports filed by their instructors during this period. Such students are found to be in all respects equivalent and in some respects superior to those who have graduated from the standard curriculum although their length of time in preparation has been much shorter than that generally assigned to graduates from a high school. These tests have been made by the Normal School in order to determine the kind, quality and sequences of the work that should be adopted for the instruction of pupils in the public schools and a complete outline of what has been accomplished will soon be published for general distribution.

The Theses that are Established.—The following brief statements are made concerning the results that are established by these investigations, it being believed that they are worthy of announcement and that the results obtained are deserving the consideration of all persons who are interested in the improvement of the work of the public schools. They are announced in the form of theses to insure brevity and to make them more easily comprehended by those interested.

1. *Reduction of Time.*—It is definitely established by the tests that it is possible to easily reduce the necessary time of attendance upon the public schools at least a full school year and at the same time prepare the pupils for college studies better than can be accomplished as the present-day standard curriculum is arranged and managed in the best schools.

2. *Reorganizing Grade Work*—This result of saving the time of the pupils by at least one school year has been

branches,—arithmetic, English grammar, geography, physiology and United States history in twelve weeks to each subject when the student has reached the right mental development, and that even the acquirements of those limited periods of application are superior to those secured during the entire two years given to the seventh and eighth grades.

10. *What Work is Suitable for Seventh and Eighth Grades.*—There is plenty of subject matter in the kind of studies commonly assigned to the secondary school which is found to be particularly suitable to the demands of the mental condition found in the seventh and eighth grades. Hence, there are numerous solutions that can be made—all of which will be found improvements over the customary assignment. The selection of these studies will depend upon the view point of those in authority, as their ideals and preferences will give strength to different solutions. In this investigation tests have been made that approve the following:—(1) Stories of history, omitting in the teaching the systematic arrangement deemed essential by chronology or logic; (2) Selections from American and English literature, making choices from those things that are specially adapted to the pupils taught; (3) the elements of nature study as found in elementary physiography, natural history, experimental physics and other sciences; (4) suitable work in algebra and involutional geometry; (5) German and Latin.

Such a plan well carried out makes progress a reality, teaching a pleasure and the pursuance of such work a blessed opportunity to pupils—a remarkable change from present day experience with the standard curriculum.

11. *Other Valuable Work Possible.*—In addition to the amount of work that is necessary to fully give the common program of studies as demanded in the secondary schools, time is now easily found for vocal and instrumental music, free hand and mechanical drawing, manual training, domestic science, physical training and extensive courses of reading in the best books of literature, and that without detracting in the least from any of the requirements deemed essential for graduation from secondary schools.

12. *The Subjects of Supreme Value.*—The tests that have been made during this investigation have called attention to the fact that there are great differences in the value of studies as regards their aid in after education, and that such questions ought to be given proper consideration. It has also been con-

antly emphasized that well qualified and well trained teachers are of supreme importance beyond all plans and systems. At the same time the teaching that was done during the progress of this investigation at the Iowa State Normal School has been in the hands of senior students under the direction of critic teachers, no student having any class more than twelve weeks. It is evident that better results are obtainable than have been here secured if the teachers were all skillful and permanent and the new curriculum was given an opportunity under the most favorable circumstances. Reason is given to suggest that the entire public school curriculum could be reduced from twelve to ten years for the average pupil under these bettered conditions. But even if one year of work and time is all that is able to be eliminated by this more rational treatment of the curriculum, it is certainly worth while whether the value of time to the pupil is considered or whether the saving of expense to the taxpayer is heeded. There is much chance for improvement in the curriculum, and to this end energy and wisdom of teachers and people should be directed.

EXHIBIT OF THE REVISED CURRICULUM.

AS USED AT
THE STATE NORMAL SCHOOL.

SEVENTH GRADE.

Arithmetic.—This is based upon such simple matters as may naturally come within the experiences of pupils of this age. Attention is given to training in the sensible mastery of essential mechanical processes of the subject, business practices, etc.

Geography.—A study of the leading grand divisions in comparison with North America. Graphic illustration in charting conditions and in making conclusions from statements of facts about other countries measured by the knowledge of our own country.

English.—Literature and some phases of English grammar.

History.—Systematic study of Stories of the Romans and Stories of the English. (These have been preceded in the earlier grades by the Norse Stories, Stories of the Chosen People, and Stories of the Greeks, and a study of the United States through historical stories and biographies of prominent persons.)

Nature and Environment.—Climate, plant and animal life, human life in the community. etc.

German.—Daily work in reading and discussion of simple German stories. All class-room reading and conversation conducted in German and stories read and understood without translation.

Drawing daily, music daily, manual training two periods per week, physical training alternating with other subjects.

EIGHTH GRADE.

Mathematics.—Certain phases of arithmetic continued, simpler parts of algebra as growing out of the arithmetic, one entire term of concrete, inventional or constructive geometry.

English Literature in daily short readings.

History.—Systematic study of the United States History, first from rapid reading of the stories of the Thirteen Colonies and Stories of the Great Republic and then two terms of careful study of text and references in United States History.

Science from environment and a half year on elementary physics.

German.—Continuation of the reading of the previous year with systematic work in German grammar and in written

Latin.—Begin with simple stories, about two-thirds of the year are spent on first year Latin using ordinary first year text. Drawing same as seventh grades.

NINTH GRADE.

Mathematics.—Algebra.

Science.—Physical geography half the year. Physiology half the year.

English —Study of American classics and Shakespeare.

History.—Systematic study of English history and half year on U. S. history from the viewpoint of geographical influences.

German.—Reading and translation German literature with constant attention to grammar. Classroom conversation in German.

Latin.—Finish first year Latin. Read Gate to Caesar and begin Caesar. Manual and physical training and music.

THIRD YEAR OR GRADE.

Mathematics.—Geometry.

Science.—Physics.

English.—Composition and rhetoric and literature with some attention to historical development.

History.—General history.

Civics and Economics.—One-half year each.

German.—Reading classics and composition. Continuation of conversational German.

Latin.—Caesar one half year. Virgil one half year. Music, manual training and physical training.

NOTE.—Not all subjects mentioned in these grades appear all terms. The recitation periods are but thirty minutes, but it seems that thirty minutes with a small class working vigorously are worth more than a longer period with pupils of this age and in larger classes. Some work in the last year is done with no study outside the recitation period by pupils. The study of text and discussion are all given in class periods in subjects selected for such treatment. The most advanced classes when carrying full work put in about three and a half hours per day in recitation. More work is done in the secondary subjects in shorter periods per day because of the better preparation made by the course in the lower grades.

HIGH SCHOOL STAS

High school.	Name of instructors.	Number rec. periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high
Albia.....	F. E. George	2	Upper Iowa U. 5 Howard Univ'ty 1	.....	.....
	Maisy Schreiner	6	I. W. U. 4 .....	.....	.....
	Myrta Harlow	6	.....	.....	4 summer Univ. of
	Etta J. Rider.....	6	S. U. I. 2	I. S. N. S. 2.....	.....
	Lettie E. Shepherd	6	Hastings College 4 (Nebr.)	.....	.....
Alden.....	Macy Cambell	6	.....	I. S. N. S. 4 .....	.....
	Clementine Runnel.	7	Iowa College 3½.	.....	.....
	Mabel Whitney.....	6	.....	I. S. N. S. 2.....	.....
Algona ..	Ada E. Smith.....	7	U. of Minn. 5. ....	.....	.....
	Hilda G. Lundin	7	.....	I. S. N. S. 2½.....	.....
	Louise McCoy.....	6	U. of Minn. 5. ....	.....	.....
	M. J. Coate.....	6	U. of Mich. 2. ....	.....	.....
Allerton ..	J. F. Holliday	6	.....	Mo. State N. 4....	Univ. and work 2y
	J. R. Jenison.....	6	Tarkio College 5..	.....	.....
	Myrtle Duncan.....	7	.....	I. S. N. S. 1 term	.....
Ackley....	Laura M. Graves.....	7	S. U. I. 4.....	.....	.....
	Bertha M. Denny..	7	Drake 4.....	.....	.....
Adair	Lula E. Hohanshelt.....	3	Simpson Col. 5. ....	.....	.....
	Winifred E. Duffy	6	Drake 3.....	Minn. St. Nor. 1. ....	.....
	Mrs. W. H. Skitt (Music)..	1	.....	.....	.....
Afton.....	Geo. D. Eaton.....	4	.....	I. S. N. S. 3.....	.....
	Miss Ethel Rundolph.....	5	U. of Chicago 1..	.....	Corning A
	Miss Ruby O. Ramedell....	7	Iowa College 3.....	.....	.....
	Miss Elsie Welty.....	8	.....	.....	Valparaiso
Agency ...	O. F. Geltry.....	..	Drake 4 S. U. I. 3 mo..	.....	Shen. Nor Col. 3 m
	Olara O. Geltry.....	..	Drake 1.....	.....	Chariton A
Akron.....	O. J. Smith.....	8	.....	.....	North We Nor. L
	F. S. Schmalle.....	8	.....	.....	North We Nor. L

The figure following the name of the institution indicates years attended.

UR YEAR COURSES.

Degree held.	Yrs experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
B. A. B.	1	Algebra	63	5	35	Botany	18	5	5	Physiology ..	18	5	35
B. S., Ph. M.	2	Geometry	54	5	35	Eng. History ..	18	5	35	Eng Grammar ..	18	5	35
M.	3	Arithmetic	9	5	35	Bookkeeping ..	18	5	35	Com Arithmetic ..	18	5	35
	4	General Hist.	36	5	35	Latin	144	5	35	Civics U. S.	18	5	35
	5	U. S. History	18	5	35					Geology	18	5	35
M. D.	16	Physical Geog.	3	5	35	Zoology	18	5	35	Political Econ. ..	18	5	35
		Physics	9	5	35	Commercial law ..	18	5	35				
		English	144	5	35								
	1	Algebra	54	5	35	Physics	3	5	40	Bookkeeping ..	18	5	45
	2	Geometry	54	5	35	English	12	5	3	Word Analysis ..	18	5	30
	3	Arithmetic	3	5	35	Physiology	18	5	35	Geology	18	5	35
	4	General Hist.	36	5	35	Political Econ.	18	5	3	Reviews	18	5	35
	5	U. S. History	18	5	35	English History ..	18	5	3				
	6	Civics	18	5	35	Latin	0	5	35				
	7	Physical Geog.	36	5	35								
	14	Algebra	54	5	5	Physical Geog.	18	5	5	Latin Begin	144	5	45
	15	Geometry	54	5	45	Physics	3	5	5				
	16	Arithmetic	1	5	45	English	12	5	16	German	12	5	45
	17	General Hist.	36	5	45	Physiology	18	5	5	Eng History	18	5	45
	18	U. S. History	18	5	45	Political Econ.	18	5	5	Zoology	18	5	45
	19	Civics of U. S.	18	5	45	Botany	18	5	5				
	20	Algebra	47	5	35	Latin	108	5	35	Surveying or ..			
	21	Geometry	55	5	35	Orthography	144	5	5	Higher Alg.	18	5	35
	22	Arithmetic	7	5	35	Trig or higher ..	1	5	35	Geology or Ger ..	18	5	35
	23	General Hist.	36	5	35	Algebra	1	5	35	Anc. Lit or Pay ..	18	5	35
	24	U. S. History	18	5	35	Eng or Latin	1	5	35	Etymology	24	5	35
	25	Civics of U. S.	1	5	35	Zoology or Ger ..	1	5	3	Botany	12	5	35
	26	Physical Geog.	7	5	35	Ancient Lit or ..	1	5	3	Agriculture	8	5	35
	27	Physics	56	5	35	Vocal Music	17	5	35	Eloquent and Lit ..	18	5	35
	28	English	144	5	35								
	29	Physiology	35	5	35								
	30	Political Econ.	9	5	35								
	14	Algebra	5	5	4	U. S. History	18	5	4	English	108	5	40
	15	Geometry	51	5	40	Civics	18	5	4	Physiology	18	5	40
	16	Arithmetic	18	5	40	Physical Geog.	18	5	40	Botany	18	5	40
	17	Gen. History	36	5	40	Physics	36	5	40	Latin	144	5	40
	18	Algebra	54	5	40	Physical Geog.	18	5	40	Zoology	18	5	40
	19	Geometry	26	5	40	Physics	36	5	40	Latin First year ..	36	5	40
	20	Arithmetic	14	5	40	English	14	5	4	Classical	18	5	40
	21	Gen. History	6	5	4	Political Econ.	18	5	4	Cicero	36	5	40
	22	Civics	36	5	4	Botany	18	5	4				
	23	Algebra	54	5	40	Physics	36	5	4	Elementary Ag ..	18	5	40
	24	Geometry	54	5	4	English	40	5	4	Physical Geog ..	18	5	40
	25	Arithmetic	18	5	4	Latin	144	5	40	Physiology	18	5	40
	26	Gen. History	54	5	40	Zoology	18	5	40	English	40	5	40
	27	U. S. History	36	5	4					Political Econ.	18	5	40
	28	Civics	1	5	4					English Lit.	18	5	40
	29	Algebra	51	5	35	Civics	17	5	35	Botany	17	5	35
	30	Geometry	54	5	35	Physical Geog.	17	5	35	Book Keeping	17	5	35
	31	Arithmetic	54	5	3	Physics	8	5	31	English History ..	17	5	35
	32	Gen. History	54	5	35	English	85	5	35	Latin-First year ..	54	5	35
	33	U. S. History	17	5	35	Physiology	17	5	35	Caesar	54	5	35
	34	Algebra	52	5	35	Physical Geog.	28	5	35	Geology	18	5	35
	35	Geom. - Plane	36	5	35	Physics	36	5	35	Chemistry	18	5	35
	36	Geom. - Solid	36	5	35	English	198	5	35	Latin	108	5	35
	37	Gen. History	52	5	35	Political Econ.	20	5	35	German	36	5	35
	38	Civics of U. S.	18	5	35	Book-Keeping	20	5	35				

EXHIBIT OF THE REVISED CURRICULUM.

 AS USED AT
 THE STATE NORMAL SCHOOL.

SEVENTH GRADE.

Arithmetic.—This is based upon such simple matters as may naturally come within the experiences of pupils of this age. Attention is given to training in the sensible mastery of essential mechanical processes of the subject, business practices, etc.

Geography.—A study of the leading grand divisions in comparison with North America. Graphic illustration in charting conditions and in making conclusions from statements of facts about other countries measured by the knowledge of our own country.

English.—Literature and some phases of English grammar.

History.—Systematic study of Stories of the Romans and Stories of the English. (These have been preceded in the earlier grades by the Norse Stories, Stories of the Chosen People, and Stories of the Greeks, and a study of the United States through historical stories and biographies of prominent persons.)

Nature and Environment.—Climate, plant and animal life, human life in the community. etc.

German.—Daily work in reading and discussion of simple German stories. All class-room reading and conversation conducted in German and stories read and understood without translation.

Drawing daily, music daily, manual training two periods per week, physical training alternating with other subjects.

EIGHTH GRADE.

Mathematics.—Certain phases of arithmetic continued, simpler parts of algebra as growing out of the arithmetic, one entire term of concrete, inventional or constructive geometry.

English Literature in daily short readings.

History.—Systematic study of the United States History, first from rapid reading of the stories of the Thirteen Colonies and Stories of the Great Republic and then two terms of careful study of text and references in United States History.

Science from environment and a half year on elementary physics.

German.—Continuation of the reading of the previous year
th systematic work in German grammar and in written

Latin.—Begin with simple stories, about two-thirds of the
ar are spent on first year Latin using ordinary first year
xt. Drawing same as seventh grades.

NINTH GRADE.

Mathematics.—Algebra.

Science.—Physical geography half the year. Physiology
alf the year.

English —Study of American classics and Shakespeare.

History.—Systematic study of English history and half year
a U. S. history from the viewpoint of geograpical influences.

German.—Reading and translation German literature with
onstant attention to grammar. Classroom conversation in
erman.

Latin.—Finish first year Latin. Read Gate to Caesar and
egin Caesar. Manual and physical training and music.

THIRD YEAR OR GRADE.

Mathematics.—Geometry.

Science.—Physics.

English.—Composition and rhetoric and literature with some
tention to historical development.

History.—General history.

Civics and Economics.—One-half year each.

German.—Reading classics and composition. Continuation
conversational German.

Latin.—Caeser one half year. Virgil one half year. Music,
annual training and physical training.

NOTE.—Not all subjects mentioned in these grades appear
all terms. The recitation periods are but thirty minutes,
it it seems that thirty minutes with a small class working
gorously are worth more than a longer period with pupils of
is age and in larger classes. Some work in the last year is
one with no study outside the recitation period by pupils. The
ady of text and discussion are all given in class periods in
bjects selected for such treatment. The most advanced
asses when carrying full work put in about three and a half
ours per day in recitation. More work is done in the second-
y subjects in shorter periods per day because of the better
reparation made by the course in the lower grades.

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Barn's City	F. W. Cover.....	9	.....	I. S. N. S. 1.....	.....
	Mr. Boatman.....	2	.....	.....	Penn Col. 1.....
Battle Creek..	W. B. Munson.....	6	Simpson College 2	.....	.....
	Wilson Jones.....	8	Cornell College 2.	Wis. State Nor. 2	.....
Bedford ...	Elizabeth Carrington.....		Univ. of Chi. 1½	.....	Valpariso-3. Rep. Col. Burl. 1..
	Lillian C. Meyerhoff.....	7	State Univ. Neb. 2	.....	.....
	W. A. Terrall.....	7	Simpson 1. ... Cornell Col. 4 ..	.....	.....
Belle Plaine	W. J. Dean.....	2	Pen Col. 2	I. S. N. S. 1.....	.....
	Francis Merrill.....	4	Univ. of Mich. 4..	.....	.....
	Nellie Johnson.....	6	.....	I. S. N. S. 4.....	.....
	Agnes Moravec.....	6	S. U. I. 4.....	.....	.....
	Mrs. W. J. Dean.....	6	.....	I. S. N. S. 1.....	.....
Belmond ..	Frank Popham.....	6	S. U. I. 1 ..	.....	.....
	Jennie McCormack.....	5	la. Wesleyan 1 ..	I. S. N. S. 2.....	Nor'n Ind. Nor. 2
	Olive Dickerson.....	5	Ooe College 4, ..	.....	.....
	Emily Johnson.....	3	.....	I. S. N. S. 4 ..	.....
Brimming-ham.	F. S. Hill.....	9	I. S. N. S. ....	.....	.....
	C. E. Williams.....	10	I. W. U. 2 ..	.....	.....
Blockton..	S. Johnson.....	8	Drake 2 ..	.....	Telford's Collegiate Academy. 2
	Mamie Zaelke.....	8	.....	.....	Shenandoah Col..
Bloomfield	Wilbur York.....	3	Drake 2.. ..	I. S. N. S. 2.....	Southern I. N. - 2)
	James Westhoff.....	5	.....	.....	S. I. N. 2½ ..
	Anna Duffield.....	6	Drake 1½ ..	.....	S. I. N. 2.....
	Bessie Barnett.....	6	Drake ¼.....	.....	Highland Par
Bonaparte	J. H. Voss.....	9	State Univ. of Nebr. 8½.....	.....	Lincoln, (Neb. Normal 2 ...
	Susan Wehn.....	8	Wesleyan Univ. (Nebr.) 2.....	.....	Cameron Co Mo. ½ Illino Woman's Co

FOUR YEAR COURSES.

Degrees held.	Yrs experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
Acc't		Algebra	63	5	35	Botany	18	5	5	Physiology ..	18	5	35
L. M. S., A. B.	1	Geometry	54	5	35	Eng. History...	18	5	35	Eng. Grammar	18	5	35
M., Ph. D., Ph. M.	5	Arithmetic	9	5	35	Bookkeeping ..	18	5	35	Com Arithmetic	18	5	35
A. M.	6	General Hist.	36	5	35	Latin	144	5	35	Civics U. S.	18	5	35
	10	U. S. History ..	8	5	35					Geology	18	5	35
		Physical Geog.	3	5	35					Political Econ..	18	5	35
B., M. Di ..		Physics	8	5	35	Zoology	18	5	35				
B.		English	144	5	35	Commercial law	18	5	35				
Di	1	Algebra	54	5	35	Physics	3	5	40				
Di	5	Geometry	86	5	35	English	12	5	35	Bookkeeping ..	18	5	45
		Arithmetic	3	5	35	Physiology ..	1	5	35	Word Analysis	18	5	30
		General Hist.	36	5	35	Political Econ.	18	5	35	Geology	18	5	35
		U. S. History ..	76	5	35	English History	18	5	35	Reviews	18	5	35
		Civics	18	5	35	Latin	0	5	35				
		Physical Geog.	36	5	35								
B ..	14	Algebra	54	5	5	Physical Geog ..	18	5	5				
Di ..	11	Geometry	54	5	45	Physics	8	5	5	Latin Begin...	144	5	45
L. M. L.	1	Arithmetic	1	5	45	English	12	5	45				
	13	General Hist.	86	5	45	Physiology ..	18	5	5	German	72	5	45
		U. S. History ..	18	5	45	Political Econ.	18	5	5	Eng. History ..	18	5	45
		Civics of U. S.	18	5	45	Botany	18	5	5	Zoology	18	5	45
B. D	2	Algebra	44	5	35	Latin	10	5	35	Surveying or			
B ..	2	Geometry	55	5	35					Higher Alg.	18	5	35
	1	Arithmetic	7	5	35	Orthography ...	144	5	15	Geology or Ger	18	5	35
	1/4	General Hist.	96	5	35					Anc. Lit or Pay.	18	5	35
		U. S. History ..	46	5	35	Trig or higher							
		Civics of U. S.	18	5	35	Algebra	1	5	35	Etymology ..	24	5	35
		Physical Geog.	7	5	35	Eng. or Latin	3	5	35	Botany	12	5	35
		Physics	26	5	35	Zoology or Ger	1	5	35	Agriculture...	8	5	35
		English	18	5	35	Ancient Lit or				Elocut and Lit.	16	5	35
		Physiology	35	5	35	Vocal Music.	17	5	35				
		Political Econ.	9	5	35								
A. B	14	Algebra	5	5	4	U. S. History ..	18	5	4	English	108	5	40
A. B	2	Geometry	54	5	40	Civics	18	5	4	Physiology	18	5	40
		Arithmetic	18	5	40	Physical Geog.	18	5	4	Botany	18	5	40
		Gen. History	36	5	4	Physics	36	5	4	Latin	144	5	40
B. B		Algebra	54	5	4	Physical Geog.	18	5	40	Zoology	18	5	40
	5	Geometry	96	5	4	Physics	34	5	40	Latin First year	36	5	40
		Arithmetic	14	5	40	English	14	5	4	German	6	5	40
		Gen. History	6	5	4	Political Econ.	18	5	4	Hebrew	36	5	40
		Civics	36	5	4	Botany	18	5	4				
A. Di	5	Algebra	54	5	4	Physics	35	5	4	Elementary Ag	18	5	40
	5	Geometry	54	5	4	English	18	5	4	Physical Geog	18	5	40
		Arithmetic	18	5	4					Physiology ..	18	5	40
		Gen. History	54	5	35	Latin	144	5	40	English	25	5	40
		U. S. History ..	36	5	4	Zoology	18	5	40	Political Econ	18	5	40
		Civics	1	5	4					English Lit...	18	5	40
		Algebra	51	5	35	Civics	17	5	35	Botany	17	5	35
		Geometry	34	5	35	Physical Geog.	17	5	35	Book Keeping	17	5	35
	9	Arithmetic	34	5	3	Physics	31	5	3	English History	17	5	35
	4	Gen. History ..	34	5	35	English	35	5	35	Latin First year	34	5	35
		U. S. History ..	17	5	35	Physiology	17	5	35	Civics	34	5	35
		Algebra	52	5	35	Physical Geog.	28	5	35	Geology	18	5	35
	12	Geom. - Plane	36	5	35	Physics	38	5	35	Chemistry	18	5	35
		Geom. - Solid	34	5	35	English	108	5	35	Latin	108	5	35
	1	Gen. History	52	5	35	Political Econ ..	20	5	35	German	26	5	35
		Civics of U. S.	18	5	35	Book-Keeping..	36	5	35				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade
Alta.....	L. D. Curtis	5	S. U. 1	I. S. N. S. 4	Upper Iowa Un. 1
	Rose Ferguson.....	7	S. U. 1, 2	I. S. N. S. 2 .....	.....
	Stella Pence.....	4	.....	I. S. N. S. 1 .....	.....
Alton	F. E. Fuller.....	6	Albion Col. 4 (Mch.) .....	.....	.....
	Julia Winston	7	Upper Iowa U. 5 .....	.....	.....
	Ruth Beem.....	6	.....	I. S. N. S. 1 Sp. Ter. ....	.....
Ames.....	Ethyl Oesana	4	I. S. O. 4 .....	.....	.....
	Margaret W. Cooper.....	6	S. U. 1, 4 .....	.....	.....
	Ethel B. Randall	7	I. S. O. 4 .....	.....	.....
	Anne W. Field	7	Iowa Col. 5 .....	.....	.....
	I. J. Scott.....	7	I. S. O. 4; Drake 3 .....	.....	.....
	Glandora McCord.....	.....	Drake 2; I. S. O. 1 .....	.....	.....
	Edeth J. Bailey.....	.....	LeLand Sta. 1	I. S. N. S. 2 .....	.....
	Clara A. Ross.....	.....	S. U. 1, 1 1/2	I. S. N. S. 3 .....	.....
Anita.....	H. W. Chebrook.....	6	Drake 3 .....	.....	Nora Springs 1
	Florence Spieth.....	4	Drake 3 .....	.....	.....
	Jaisy E. Turner.....	2	.....	I. S. N. 1 1/2 .....	.....
	Katherine Jenkins.....	2	S. U. 1 1 .....	.....	Den. T. S. 1/2 yr.
Anamess..	O. E. Buckley.....	3	Univ. of Chicago.....	I. S. N. S. ....	.....
	Laura Huffman	6	Cornell .....	.....	.....
	Harriet Cunningham.....	6	.....	I. S. N. S. ....	.....
	Jennie Forward .....	.....	.....	.....	Lenox
Atlantic..	Carlos M. Cole	2	Iowa College 4 .....	.....	.....
	Nellie L. Baldwin.....	4	Des Moines Col. .....	.....	.....
	Anne E. Temple	6	Univ. of Chicago .....	.....	.....
	.....	.....	Mt. Holyoke 4 .....	.....	.....
	Laura Anderson	4	S. U. 1 4 .....	.....	.....
	Carrie Wilken	5	Cornell (la.) 4 .....	.....	.....
	Ethel Smith.....	6	Ohio Northern University 2 .....	.....	.....
Audubon..	F. J. Mantz	5	S. U. 1 4 .....	.....	.....
	Ella Stearns.....	6	.....	I. S. N. S. 6 .....	.....
	Vera Miles.....	7	State College 4 .....	.....	.....
	Avis Gordon.....	2	S. U. 1. 4 .....	.....	.....
Avoca, ...	M. E. Crosier	3	.....	.....	High Park Col. 1
	Bertha V. Wyant.....	6	.....	I. S. N. S. 4	Arm. Institute 1
	Emma Sherrett.....	7	.....	I. S. N. S. 3 .....	.....
	Hester Sanders.....	7	Iowa College 4 .....	.....	.....

FOUR YEAR COURSES.

Preparation		Yrs experience in H.S.	High School Courses.											
Degrees held.			Branches studied.			Number weeks.	Rec. per week.	Rec. period.	Branches studied.			Number weeks.	Rec. per week.	Rec. period.
1		5	Algebra	54	5	40	Civics	18	540	Political Econ.	18	5	40	
1		1	Geometry	36	5	40	Physical Geog. .	18	540	Botany	18	5	40	
		4	Arithmetic ..	18	5	40	Physics	36	540	Astronomy ..	18	5	40	
			General Hist..	36	5	40	English	144	540	Book-Keeping.	18	5	40	
			U. S. History	36	5	40	Physiology	36	540	Latin	72	5	40	
B		3	Algebra ...	72	5	40	Physics	36	540	Book-Keeping .	20	5	40	
		1	Geometry ..	56	5	40	English	41	540	Word Analysis	16	5	40	
		1	Arithmetic ..	19	5	40	Political Econ. .	36	54	Botany	20	5	40	
			General Hist	36	5	40				Reviews & Exam	52	5	40	
			Civics	16	5	40	Latin	138	540					
			Physical Geog	20	5	40								
3		1	Algebra	54	5	40	Latin	144	540	Algebra (Extra)	18	5	40	
3		5	Geometry	36	5	40	Physiology	18	540	German	72	5	40	
3		7	Arithmetic ..	18	5	40	Com Geography.	18	540	U. S. Hist.—Adv.	18	5	40	
3, A. M.		1	General Hist	31	5	40	Word Anal and			Ancient History	36	5	40	
L. L. B.		6	Civics	18	5	40	English Comp	36	540	Modern History	36	5	40	
			Physical Geog	18	5	40	German	72	540	Zoology	18	5	40	
			Physics	36	5	40	Electives—			Eng. Literature	36	5	40	
		2	English	10	5	40	Four credits			Am. Literature.	36	5	40	
		17	Political Econ.	18	5	40	(must be se-			Book-Keeping ..	36	5	40	
			Botany	72	5	40	lected).							
		3	Algebra	72	5	40	Physical Geog. .	18	540	Geography	4	5	40	
			Geometry	36	5	40	Physics	36	540	Reading & Spell'g	2	5	40	
			Arithmetic ..	12	5	40	English	144	540	Music	36	5	40	
			General Hist.	36	5	40	Physiology	18	540	Latin	72	5	40	
			U. S. History.	18	5	40	Political Econ...	18	540					
			Civics	18	5	40	Book-Keeping ..	18	540					
			Algebra	54	5	40	Physics	36	540	Zoology	18	5	40	
			Geometry	54	5	40	English	144	540	Book-Keeping .	18	5	40	
			Arithmetic ..	18	5	40	Physiology	18	540	Com Geog. ..	18	5	40	
			General Hist..	18	5	40	Political Econ ..	18	540	Botany	18	5	40	
			U. S. History	18	5	40	Latin	144	540	German	72	5	40	
			Civics	18	5	40								
			Physical Geog	18	5	40								
		10	Algebra	54	5	40	Physics	36	540	Ger. Lessons ..	36	5	40	
A. M.		1	Geometry	54	5	40	English Lit.	144	540	German 2nd yr.	36	5	40	
			Arithmetic ..	19	5	40	Physiology	18	540	Book-keeping.	36	5	40	
		20	General Hist..	36	5	40	Political Econ.	18	540	Com Law.	18	5	40	
		4	U. S. History.	18	5	40	Botany	18	540	Com. Geog	18	5	40	
			Civics	18	5	40	Latin	144	540	German	144	5	40	
			Physical Geog..	18	5	40								
B. Ped			Algebra	54	5	35	English	144	535	German	72	5	35	
			Geometry	54	5	35	Political Econ. .	18	535	English History	18	5	35	
		3	Civics	18	5	35	Gk. and Rom. His.	36	535	Book-keeping.	18	5	35	
		1	Physical Geog.	18	5	35	Latin	44	535					
			Physics	36	5	35								
			Algebra	54	5	40	Latin	72	540	Bus. Methods.	18	5	40	
		15	Geom.—Plane	36	5	40	German	72	540	Book-keeping.	18	5	40	
		10	General Hist...	36	5	40	Geometry-Solid	18	540	Bus. Arith.....	18	5	40	
		8	Physics	36	5	40	English Gram. ..	18	540	Com. Geog	18	5	40	
			English	108	5	40	Geometry-Solid..	18	540	Com. Law.	18	5	40	
			Latin	72	5	40	Arithmetic	18	540	Civics	18	5	40	
			German	72	5	40	Physiology	18	540	Economics ..	18	5	40	
			Latin	72	5	40	Economics	18	540	Spelling	36	4	30	
			German	72	5	40				Citizenship ..	18	4	30	

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Barn's City	F. W. Cover.....	9	.....	I. S. N. S. 1.....	.....
	Mr. Boatman.....	8	.....	.....	Penn Col. 1....
Battle Creek..	W. B. Munson.....	6	Simpson College 2 Cornell College 2.	.....	.....
	Wilson Jones.....	8	.....	Wis. State Nor. 2	.....
Bedford ...	Elizabeth Carrington.....	.....	Univ. of Chi. 1½	.....	Valpariso. 3. Ba. p. Col. Burl. 1.....
	Lillian C. Meyerhoff.....	7	State Univ. Neb. 2 Simpson 1...	.....	.....
	W. A. Terrall.....	7	Cornell Col. 4	.....	.....
Belle Plaine	W. J. Dean.....	2	Pen Col. 3	I. S. N. S. 1.....	.....
	Francis Merrill.....	4	Univ. of Mich. 4..	.....	.....
	Nellie Johnson.....	6	.....	I. S. N. S. 4.....	.....
	Agnes Moravec.....	6	S. U. I. 4.....	.....	.....
	Mrs. W. J. Dean.....	6	.....	I. S. N. S. 1.....	.....
Belmond ..	Frank Popham.....	5	S. U. I. 1.....	.....	.....
	Jennie McCormack.....	5	la. Wesleyan 1..	I. S. N. S. 3.....	Nor'n Ind. Nor. 2
	Olive Dekerson.....	5	Ooe College 4, ..	.....	.....
	Emily Johnson.....	3	.....	I. S. N. S. 4.....	.....
Brimming- ham.	F. S. Hill.....	0	I. S. N. S. ....	.....	.....
	C. E. Williams.....	10	I. W. U. 2.....	.....	.....
Blockton..	S. Johnson.....	3	Drake 2.....	.....	Telford's College 1- ate Academy 2
	Mamie Zaelke.....	8	.....	.....	Shenandoah Col. 1..
Bloomsfield	Wilbur York.....	3	Drake 2.. ..	I. S. N. S. 2.....	Southern I. N. 1-½
	James Westhoff.....	5	.....	.....	S. I. N. 2½ ..
	Anna Duffield.....	6	Drake 1½ ..	.....	S. I. N. 2.....
	Bessie Barnett.....	6	Drake ¼.....	.....	Highland Park 1
Bonaparte	J. H. Voss.....	9	State Univ. of Nebr. 3½.....	.....	Lincoln, (Neb.) Normal 2.....
	Susan Wehn.....	8	Wesleyan Univ. (Nebr.) 2.....	.....	Cameron Col. 1- Mo. ½ Illinol 1 Woman's Col. 1

OUR YEAR COURSES.

Education.		Yr's experience in H.S.	High School Courses.											
Degrees held.			Branches studied.			Number weeks.	Rec. per week.	Rec. period.	Branches studied.			Number weeks.	Rec. per week.	Rec. periods.
.....		2	Algebra	53	5	35	Civics	38	5	30	Political Econ.	18	5	45
.....			Geom. Plane..	55	5	45	Physical Geog.	17	5	35	Botany	18	5	45
.....			Arithmetic ..	18	5	45	Physics	26	5	45	Book-keeping ..	18	5	45
.....			General Hist.	50	5	40	English	5	5	35	Word Anal....	18	5	30
.....			U. S. History	8	5	45	Physiology ..	2	5	30	Latin	144	5	30
.....		3	Algebra	54	5	45	Civics	12	5	45	Political Econ.	18	5	45
.....		5	Geometry	54	5	45	Physical Geog.	18	5	45	Botany	18	5	45
.....			Arithmetic ..	35	5	45	Physics	36	5	45	Book-keeping ..	18	5	45
.....			General Hist.	50	5	45	English	162	2	45	Economics	18	5	45
.....			U. S. History.	35	5	4	Physiology ..	17	5	45	Latin	72	5	45
.....			Algebra	54	5	40	Physics	27	5	45	Etymology	18	5	45
.....			Geometry	54	5	40	English	14	5	35	Book-keeping ..	18	5	45
.....			Arithmetic ..	18	5	35	Political Econ.	17	5	40	Eng. History ..	18	5	40
.....		5	General Hist.	35	5	35	Botany	1	5	40	Geology	18	5	40
.....			U. S. History	35	5	37	Music	72	2	40				
.....			Civics of U. S.	18	5	35	Latin	14	5	40				
.....			Physical Geog.	18	5	45								
.....		18	Algebra	54	5	40	Physical Geog.	55	5	40	Book-keeping ..	18	5	40
.....			Geometry	54	5	41	Physics	28	5	40	Zoology	18	5	40
.....		1	Arithmetic ..	35	5	40	English	126	5	40	Geology	18	5	40
.....		2	General Hist.	55	5	40	Political Econ.	18	5	41	Astronomy	18	5	40
.....		3	U. S. Hist ..	35	5	40	Latin	144	5	41	Botany	26	5	40
.....			Civics	54	5	40								
M. A.		9	Algebra	54	5	40	Civics	18	5	41	Political Econ.	17	5	40
.....		2	Geometry	54	5	41	Physical Geog.	17	5	41	Botany	18	5	40
.....		2	Arithmetic ..	17	5	40	Physics	36	5	41	Book-keeping ..	17	5	40
.....		1	General Hist.	55	5	40	English	103	5	41	Latin	144	5	40
.....			U. S. History..	15	5	40	Physiology ..	18	5	40				
.....		2	Algebra	47	5	30	Civics of U. S.	16	5	31	Botany	18	5	30
.....		0	Geometry	54	5	31	Physical Geog.	33	5	31	Book-keeping ..	18	5	30
.....			Arithmetic ..	17	5	31	Physics	37	5	30	Latin	96	5	30
.....			General Hist.	32	5	30	English	96	5	31				
.....			U. S. History	17	5	30	Political Econ.	16	5	31				
.....		6	Algebra	5	5	35	Civics	17	5	35	Political Econ.	18	5	35
.....		5	Geometry	55	5	35	Physical Geog.	18	5	35	Botany	18	5	40
.....		5	Arithmetic ..	55	5	35	Physics	37	5	45	Zoology	18	5	40
.....			General Hist.	55	5	35	English	120	5	35	Latin	108	5	35
.....			U. S. History.	15	5	35	Physiology ..	18	5	35				
.....		4	Algebra	54	5	40	Physical Geog.	18	5	41	Chemistry	18	5	40
.....			Geometry	54	5	40	Physics	36	5	41	Zoology	18	5	40
.....		1	Arithmetic ..	18	5	41	English	106	5	41	Book-keeping ..	18	5	40
.....			Gen'l History.	24	5	41	Physiology ..	18	5	41	Latin	72	5	40
.....			U. S. History..	17	5	41	Political Econ.	18	5	40				
.....			Civics	20	5	41	Botany	15	5	40				
.....		5	Algebra	47	5	35	Physical Geog.	37	4	0	Book-keeping ..	32	5	30
.....		5	Geometry	47	5	35	Physics	37	5	30	Com. Law	18	5	30
.....			Arithmetic ..	48	5	35	English	127	5	35	Com. Arith	18	5	30
.....			Gen'l History.	54	5	0	Political Econ.	18	5	35	Geology	18	5	30
.....			U. S. History..	16	5	30	Botany	32	5	30				
.....			Civics	32	5	30	Latin	64	5	30				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of method	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Boone	Marcus M. Beddall.....	4	Univ. of Wis. Graduate w'rk addition 1 Univ of Wis 2 Univ of Chicago 1. . .	State Nor. Wis 4	.....
	Eva M. White.....	4	Univ. of Iowa 2.	State Nor. Mo 2½	.....
	Lydia Rolston	6	Cornell 4	.....	.....
	Grace Aimee Reed.....	6	Muskingdon(O) Col 4 Univ. of Chicago ½	.....	.....
	Maudie A. Strubel,	6	Cornell 3½	I. S. N. S. 4...	.....
	Leon Baker.....	4	Univ of Ill 2.	Nor. Ill. Nor 2.	Nor Univ. 1....
	Florence Freeman . . .	6	Univ of Mich 3½ Grad work Univ. of Mich 1..	.....	.....
	May Gibson Shuck,	5	Univ of Iowa 4 Grad. work 8. U I. 1	.....	.....
	J. L. Van Horn.....	6	Ohio Wesleyan Univ 4..	.....	.....
Brighton.	J. B. Goldthwaite.....	4	Des Moines Col 2	I. S. N. S. 3	.....
	June Emry .....	.....	.....	I. S. N. S. 2	.....
Britt ..	B. W. Hoadley.....	5	Valparaiso 2.	.....	.....
	Gertrude M. Carman.. .	4	Northwestern 4..	.....	.....
	Lillian O. Smith	4	Iowa Col 4	.....	.....
	Lucille E. Alexander....	7	Greenville (Tenn) Univ. 4..	.....	.....
Brooklyn..	Elizabeth Wyland	4	Iowa Col 4.	.....	.....
	Mary Wyland.....	7	Iowa Col. 4.....	.....	.....
	Mabel Tabbutt.....	6	Iowa Col. 2.	.....	.....
Buffalo Center.	C. R. Golly.....	7	.....	I. S. N. S. 2.	.....
	Abbie Langlin.....	8	.....	I. S. N. S. 2.	.....
Burlington...	Maurice Ricker ..	2	Drake Uni. 5.....	.....	Uni. Ill. & Mont
	Ewald Poppe	4	Breslau .....	.....	.....
	Miss H. B. Warren.....	5	.....	.....	City Normal Ed
	Miss W. L. Hutchinson..	5	Chicago Uni. 2.	.....	City Normal Ed
	Miss Esther Jacobs	5	.....	.....	City Normal Ed
	W. Leo Jordon ..	5	Drake Uni 5.....	.....	Oak. Col.....
	Dorothy Schultz	5	S. U. I. 3	.....	.....
	Myra Blake	5	Monmouth Col 3	.....	.....
	Francis Rogers.....	5	S U I 4	.....	Wellesley Col. ..
	C. W. Jarvis	5	S. U. I. 5	.....	.....
	Florence Chase.	5	Yassar Col. 4.	.....	.....
	W. L. Raymond	5	Iowa Col. 5	.....	.....
	Newton Van Dusen .....	.....	Manual Training	.....	Menominee, Wis.
	Olive McKay.....	.....	Manual Training.	.....	Menominee, Wis.

YEAR COURSES.

1.	Yrs experience in H.S.	High School Courses.								
		Branches studied.	Number weeks.	Sec.	Per week	Rec.	Branches studied.	Number weeks.	Sec.	Per week
S. D.	5 1/2	Algebra.....	48	5	40		Latin.....	144	5	40
		Geometry.....	48	5	40		German.....	72	40	
		Gen'l History	36	5	40		Six credits from			
		U. S. History	18	5	40		the following:			
		Civics.....	18	5	40		Ancient Hist'y	36	5	40
		Physical Geog.	18	5	40		Geology.....	18	5	40
		Physics.....	36	5	40					
		English.....	144	5	40					
A.	5 1/4	Algebra.....	56	5	40		U. S. History.	36	5	40
		Geometry.....	52	5	40		Civics.....	36	5	40
		Arithmetic.....	8	5	40		Physical Geog.	2	5	40
		Gen'l History.	36	5	40		Physics.....	36	5	40
		Algebra.....	54	5	40		Physical Geog.	18	5	40
		Geometry.....	54	5	40		Physics.....	36	5	40
		Arithmetic.....	18	5	40		English.....	36	5	40
		Gen'l History	36	5	40		Physiology.....	18	5	40
		U. S. History	18	5	40		Political Econ.	18	5	40
B.	5 1/4	Civics.....	18	5	40		Botany.....	18	5	40
							Political Econ.	18	5	40
		Algebra.....	54	5	40		Botany.....	18	5	40
		Geometry.....	54	5	40		Book keeping..	18	5	40
		Gen'l History	36	5	40					
		U. S. History.	18	5	40		Latin.....	144	5	40
		Civics.....	18	5	40		Beginning Latin.	36	5	40
		Physical Geog.	18	5	40		Physiology.....	18	5	40
		Physics.....	36	5	40					
		English.....	144	5	40					
C.	5 1/4	Algebra.....	54	5	40		Physical Geog.	26	5	40
		Geometry.....	50	5	40		Physics.....	36	5	40
		Arithmetic.....	18	5	40		English.....	134	5	40
		Gen'l History..	36	5	40		Physiology.....	18	5	40
		U. S. History.	36	5	40		Political Econ.	18	5	40
		Civics.....	18	5	40		Botany.....	24	5	40
		Algebra.....	57	5	45		Physiology.....	19	5	45
		Geometry.....	57	5	45		Political Econ..	19	5	45
		Arithmetic.....	19	5	45		Botany.....	19	5	45
D.	5 1/4	Gen'l History	36	5	45		Zoology.....	19	5	45
		U. S. History	18	5	45		German.....	152	5	45
		Civics.....	19	5	45		Latin.....	152	5	45
		Physical Geog.	19	5	45		Chemistry.....	38	5	45
		Physics.....	38	5	45		Book-keeping..	37	5	45
		English.....	114	5	45		Penmanship....	19	5	45
E.	5 1/4									

NOTE: Thirty-two credits necessary for graduation. Elective but at least two years of mathematics, two of language and three of English must be elected.

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Cantril....	Paul E. Wright.....	4	Drake 1.....	.....	Appleton City 4..
	Grace Hale.....	6	I. W. U. 1.....	.....	Acad. (Mo.).....
	Blanch Casady	6	.....	.....	.....
Capital Park ... (Des Moines.)	J. R. McComb.....	2	Mo. Wesleyan 2	I. S. N. S. ½.....	Chicago Sum Sch. C. O. C. O..
	Elizabeth Haas.....	3	Tarkio 4..		
	Eva Twombly.....	6	Callnan Drake....	.....	.....
	Virginia Hickey.....	5	Des Moines Col. 4	.....	.....
	Boscoe B. Weaver.....	5	Uni. of Chicago 1	.....	.....
	Ivy K. Perdue.....	6	Drake.....	.....	.....
	.....	.....	Simpson 4 .....	.....	C. O. C. C. 2..
Carrell....	Mrs. E. B. Carroll... ..	.....	.....	I. S. N. S. 4. ...	.....
	Makepeace Morris .....	.....	S. U. I. 5... ..	.....	.....
	Grace Ferguson .....	.....	Ohio Uni 5.....	.....	.....
Carson....	John S. Coye.....	8	I. S. C. 4 .....	.....	.....
	Ethel Osler.....	9	.....	I. S. N. S. 4.....	.....
Cedar Falls	Amy Dougherty.....	3	Cornell Col. 4. ....	.....	.....
	Miriam Brooks.....	6	Iowa Wes. 4.....	.....	.....
	Laura Phillips.....	6	Cornell 4.....	I. S. N. S. ....	.....
	Laura Kingman	6	.....	I. S. N. S. 3½.....	.....
	Eloise Waring	5	Uni. Mo. 4½.....	.....	.....
	Alice Cramer	6	.....	I. S. N. S. 2¾.....	.....
	Lillian Getty.....	6	.....	Nebr. Nor. 2.	Lincoln Bus. Col.1
Cedar Rapids..	Abbie S. Abbott, Principal ..	.....	Nor. School Salem	.....	.....
	Louise Barker.....	5	Mass Uni. Chi	.....	.....
	John Cameron	4	Uni. Michigan. ..	.....	.....
	Elen Clemens.	4	S. U. I.	I. S. N. S. ....	.....
	Elizabeth M. Cook	4	Northwestern .....	.....	.....
	Isabel Duvill.....	5	Coe. Col. U. of Chi	.....	Bus Col.,.....
	W. Fritz Duhl.	6	.....	.....	.....
	Emma Fordyce	5	Ger'y U. of Chi... ..	.....	.....
	Anna Fisher.....	5	.....	.....	.....
	Earnest Hartwell.....	5	U. of Chi .....	.....	.....
	Ina Hibbard	5	Albion .....	.....	Bus. Col.....
	Virginia Knox	6	.....	.....	.....
	Carrie M. Palmer	4	Wellesley Grin.. ..	.....	.....
	Lucile Powell.....	5	U. of Michigan... ..	.....	.....
	Gertrude Prescott.....	5	Shepardson U. Chi	.....	.....
	Lewis Robey	5	Cornell.....	.....	.....
	Alice Rudd	5	Wabash.....	.....	.....
	Mare Schmermund.....	5	Cornell.....	.....	.....
	A. Clyde Slifer.	5	U of Michigan... ..	.....	.....
	Dewitt O. Sprague	5	Ames.....	.....	.....
	Carrie M. Wildey.....	5	Grinnell .....	.....	.....
	Rachel E. Witmer.....	5	Grinnell .....	.....	.....
	.....	5	Coe, Univ. of Chi.	.....	.....

2 YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
		Algebra....	45	5		Civics....	32	5		Political Econ....	20	5	..
	2	Geometry....	54	5		Physical Geog....	32	5		Botany....	20	5	..
		Arithmetic....	120	5		Physics....	34	5		Latin....	64	5	..
		Gen. History....	64	5		English....	104	5					
		U. S. History....	32	5		Physiology....	32	5					
		Algebra....	54	5	40	Political Econ....	18	5	40	Eng. History....	18	5	40
		Geometry....	54	5	40					Book-keeping....	35	5	40
	6	Arithmetic....	18	5	40	Latin....	144	5	40	Adv. Algebra....	18	5	40
		Gen. History....	36	5	40	English History....	18	5	40				
	10	U. S. History....	36	5	40					Com. Law....	18	5	40
		Civics....	24	5	40	Com. Geo....	18	5	40	Stenography....	72	5	40
	8	Physical Geog....	18	5	40	Arithmetic....	18	5	40	Type writing....	72	5	40
		Physics....	36	5	40	Botany....	18	5	40	Com. Geo....	18	5	40
	4	English....	114	5	40	German....	72	5	40				
		Physiology....	18	5	40	Zoology....	18	5	40				
	14	Algebra....	32	5	35	Physical Geog....	12	5	35				
	2	Geometry....	52	5	35	Physics....	36	5	35	Latin....	144	5	35
	8	Arithmetic....	12	5	35	English....	144	5	35				
		Gen'l History....	76	5	35	Physiology....	18	5	35	Book keeping....	18	5	35
		U. S. History....	12	5	35	Political Econ....	18	5	35	Botany....	18	5	35
		Civics....	12	5	35	Chemistry....	18	5	35	German....	72	5	35
	8	Algebra....	64	5	40	Civics....	18	5	40	Political Econ....	18	5	40
	6	Geometry....	64	5	40	Physical Geog....	18	5	40	English History....	18	5	40
		Arithmetic....	18	5	40	Physics....	36	5	40	Book-keeping....	9	5	40
		Gen'l History....	36	5	40	English Lit....	144	5	40	Latin....	108	5	40
		U. S. History....	18	5	40	Physiology....	18	5	40				
	9	Algebra....	36	5	45	Rhetoric....	18	5	45				
		Geometry....	36	5	45	American Lit....	18	5	45	Solid Geom....	18	5	45
	16	Arithmetic....	18	5	45	English Lit....	36	5	45	Physiology....	18	5	45
	6	Gen'l History....	36	5	45	Political Econ....	18	5	45	Botany....	18	5	45
	2 1/2	U. S. History....	18	5	45					Arithmetic....	36	5	45
		Civics of Iowa....	18	5	45					U. S. History....	36	5	45
	4	Civics of U. S....	18	5	45	Botany....	18	5	45				
		Physical Geog....	18	5	45	Book keeping....	36	5	45				
		Physics....	36	5	45	Short Hand....	44	5	45				
		Eng. Comp....	36	5	45	Type writing....	18	5	45				
		Algebra....	36	5	45	Solid Geom....	18	5	45				
	26	Geometry....	36	5	45	German....	108	5	45	Book keeping....	54	5	45
		History....	36	5	45					Stenography....	72	5	45
	8	Physics....	36	5	45	Chemistry....	36	5	45	Com. Law....	18	5	45
	6	Rhetoric and Lit....	36	5	45	Algebra....	18	5	45	Penmanship....	18	5	45
B.	2	American Lit....	18	5	45	German....	72	5	45	Civics....	18	5	45

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Center Point	Leo H. Paulger.....	7	Cornell Col. 4.....		
	Margaret Gilchrist.....	8	U. of Chi. 1.....	I. S. N. S. 8.....	Columbia School. Oratory (Chi). Grad.....
Center-ville..	E. N. Gibson.....	1	S. U. I., 1 Sum.	I. S. N. S. 8.....	
	Orsini V. Swift.....	4			Bloomfield Nor 1. North. Ind. Nor. 8
	Eunice Meers.....	6	Drake Uni. 4.....		
	Florence Hoefner.....	6	Uni. Minn. ½		Chas. Cy. Col. 3..
	Florence Van Dike.....	6	Iowa Col. 4.....		
	J. Oreta Purmort.....	6	Coe Col.		
	T. B. Young.....	6	Parsons Col. 2.....		
	Janet Wilson.....	6		I. S. N. S. 2.....	
Central City..	H. M. Taylor.....	8			Drake 2½.....
	Myrtle Metcalf.....	8	Cornell 4.....		
Chariton..	Mrs. L. M. Gaw.....	6	Uni. Kansas.....	I. S. N. S.	
	Nellie Darby.....	7	Uni. Chicago 6.....		
	Louise Singer.....	6			
	Adda Manning.....	7	Drake Uni.....		
Charles City..	Fannie R. Wilson.....	3	I. S. T. A. 4.....	Mass. State Nor. 2.....	
	Elizabeth Carmichael.....	1	Quincy Con. 4.....		
	Agnes Case.....	5	Wisconsin Uni. 4.....		
	Jay T. Colgrove.....	6	Simpson 2.....	I. S. N. S. 8.....	
	Gladys I. Goddard.....	5	Olivet Michigan 4.....		
	G. W. Hageman.....	6	Uni. of Mo. & Central Wis. 2.....		
	Alberta Hoffman.....	5		I. S. N. S. 2.....	
	O. N. Olesen.....	4	Battle Creek 2.....	I. S. N. S. 4.....	
	Edith A. Reid.....	1	Col. Sch. Oratory?.....		
	Oswald Risser.....	4	Bithel Col. 1. Ia. Col. 4.....		Denmark Acad. 8
Charter Oak..	Walter Mitchell.....	7		I. S. N. S. 3½.....	
	Clara Pearl Hayden.....	8		I. S. N. S. 2.....	
Cherokee..	A. V. Storm, Supt.....	1	Ill. Wesleyan U. 4.....		
	Martha Roberts, Principal.	8	S. U. I. 2 summers	Neb. Nor. 1 sum. I. S. N. S. 8 sum.	
	Estella Boot.....	5	Uni. S. D. 4 S. U. I. 1 summer..		
	Charlotte Lorenz.....	6	S. U. I. 3.....		
	Estella Ducker.....	6	Uni. Neb. 4.....		
	H. B. Clarke.....	6	Coe Col.....		
	A. C. Gordon.....	6	S. U. I. 4.....		

OUR YEAR COURSES.

Education.	Degrees held.	Yrs experience in H.S.	High School Courses											
			Branches studied	Number weeks.	Rec. per week.	Rec. per period.	Branches studied.	Number weeks.	Rec. per week.	Rec. per period.	Branches studied	Number weeks.	Rec. per week.	Rec. per period.
			Algebra.....	54	5	4	Civics.....	12	5	4	Political Econ.	12	5	4
			Geometry.....	54	5	4	Physical Geog.	12	5	4	Zoology.....	12	5	4
			Arithmetic.....	12	5	4	Physics.....	3	5	4	Book-keeping.....	12	5	4
			General Hist.....	36	5	4	English.....	107	5	4	Com. Law.....	36	5	4
			U. S. History.....	12	5	4	Physiology.....	12	5	4	Latin beginning.....	36	5	4
			Algebra.....	54	5	35	Latin.....	144	5	35	Botany.....	12	5	35
			Arithmetic.....	12	5	35	Zoology.....	12	5	35	Geometry.....	54	5	35
			General Hist.....	36	5	35	Botany.....	12	5	35	Geology.....	12	5	35
			Civics.....	12	5	35	Geometry.....	54	5	35	U. S. History.....	12	5	35
			Physics.....	36	5	35	Geology.....	12	5	35	Arithmetic.....	12	5	35
			English.....	12	5	35	U. S. History.....	12	5	35	Book-keeping.....	36	5	35
			Political Econ.....	12	5	35	Book-keeping.....	36	5	35	Com. Law.....	12	5	35
			German.....	72	5	35	Physical Geog.....	12	5	35	Phys. Geog.....	12	5	35
							Commercial Law.....	12	5	35	Identities.....	12	5	35
			Algebra.....	54	5	30	Civics.....	12	5	30	Political Econ.....	12	5	30
			Geometry.....	54	5	30	Physical Geog.....	12	5	30	Botany.....	12	5	30
			Arithmetic.....	12	5	30	Physics.....	36	5	30	Book-keeping.....	12	5	30
			General Hist.....	36	5	30	English.....	107	5	30	Review.....	36	5	30
			U. S. History.....	12	5	30	Physiology.....	12	5	30	Latin.....	72	5	30
			Algebra.....	54	5	40	Physics.....	36	5	40	Botany.....	12	5	40
			Geometry.....	54	5	40	English.....	144	5	40	English History.....	12	5	40
			Arithmetic.....	12	5	40	Physiology.....	12	5	40	Book-keeping.....	12	5	40
			General Hist.....	36	5	40	Political Econ.....	12	5	40	Chemistry.....	36	5	40
			U. S. History.....	12	5	40	Latin.....	144	5	40	German.....	72	5	40
			Civics of U. S.....	12	5	40					Astronomy.....	12	5	40
			Physical Geog.....	12	5	40								
			Algebra.....	54	5	40	Physiology.....	12	5	40	Zoology.....	12	5	40
			Geometry.....	54	5	40	Political Econ.....	12	5	40	Botany.....	12	5	40
			Arithmetic.....	12	5	40	History-Ancient.....	36	5	40				
			General Hist.....	36	5	40	History-Modern.....	36	5	40	Business Law.....	12	5	40
			U. S. Hist. Civics.....	36	5	40	Latin.....	144	5	40	Word Analysis.....	12	5	40
			Physical Geog.....	12	5	40					Com Geog.....	12	5	40
			Physics.....	36	5	40	German.....	72	5	40	Book-keeping.....	12	5	40
			English.....	144	5	40								
			Algebra.....	57	5	45	Civics.....	12	5	45	German.....	72	5	45
			Geometry.....	57	5	45	Physical Geog.....	12	5	45	Book-keeping.....	12	5	45
			Arithmetic.....	12	5	45	Physics.....	36	5	45	Latin.....	72	5	45
			General Hist.....	36	5	45	English.....	133	5	45				
			U. S. History.....	12	5	45	Botany.....	12	5	45				
			Algebra.....	54	5	45	Latin.....	144	5	45	Solid Geom.....	12	5	45
			Geometry.....	54	5	45	Electives.....	36	5	45	Zoology.....	12	5	45
			Gen. History.....	36	5	45	German.....	72	5	45	Physical Geog.....	12	5	45
			U. S. History.....	12	5	45	Electives.....	162	5	45	English History.....	12	5	45
			Civics.....	12	5	45	Arithmetic.....	12	5	45	Political Econ.....	12	5	45
			Physics.....	36	5	45	Word Analysis.....	12	5	45	Chemistry.....	36	5	45
			Eng Grammar.....	12	5	45	Botany.....	12	5	45	Id or Book k.....	12	5	45
			English.....	90	5	45					English.....	36	5	45

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Clarinda ..	Frank W. Perkins.....	3	.....	I. S. N. S. 4 .....	.....
	Jessie L. Canning	5	.....	I. S. N. S. 4 .....	.....
	Mary Berry.....	6	.....	Kan. State Nor. 4	U. of Chicago ½ ..
	Mrs. Fred Loran	6	.....	.....	.....
	Mabel Stone.....	6	Simpson Col. 4 .....	.....	.....
Clarion ...	W. H. Blakely.....	4	Gen. U. 3 S. U. J. 2 .....	.....	Iowa City Acad. 1 ..
	Nan Maughlin.....	5	Park College 1 .....	.....	Washington A. 1 ..
	.....	.....	U. of Neb. 1 .....	.....	.....
	Ruth Browne	6	Iowa Col. 4 .....	.....	.....
	Mary Cruikshank.....	.....	Iowa Col. 4 .....	.....	.....
Clarksville	Everett A. Reynolds.....	8	U. of Wis. 3	Oskosh. Wis., N. 4 .....	.....
	Gertrude M. Heery.....	8	Ann Arbor 8 U. of Chicago ½ .....	.....	.....
	Geo. J. Lux.....	.....	U. of Chicago 1 .....	.....	Spencer B. C. 3 M. St. Joseph 6 (Tentopolis)
Clearfield.	E. C. Heaton.....	6	Labor College 1 .....	.....	Simpson Bus. C. ½ Afton N. & B. C. 2 ½
	Maud Nelson	7	.....	I. S. N. S. 2 .....	.....
	Eva C. Brown.....	4	.....	I. S. N. S. 2 .....	.....
Clear Lake	L. W. Hicks, Supt.....	4	Cornell Col. 5 .....	.....	Unl. of Chicago (Post Graduate) Highland Park C.
	Susan McCoy, Principal....	6	U. of Chicago 1 .....	.....	.....
	Evelyn Wilson.....	7	Iowa Col. 4 .....	.....	.....
	Ellen Olson	1	.....	I. S. N. S. .....	.....
Clinton ...	J. S. McCowan.....	4	Iowa Col. 5 U. of C. 2 sum. ....	.....	.....
	Mrs. Ardella Billings.	7	.....	.....	U. of Chi. 1 sum.
	Eldora White	6	.....	.....	U. of Chi. 2 sum.
	Helen Walker.....	6	Oberlin Col. 6 U. of Chicago 2 .....	.....	U. of Jens. 1 sum.
	Eliza A. Rogers	6	.....	.....	.....
	Margaret McCowan.....	6	U. of C. 1 Ia. C. 4 .....	.....	U. of Chicago ½ ..
	Jean Newcomer	6	Rockford Col. 6 .....	.....	U. of Chicago 1 ..
	Laura A. Meier	6	Ripon 5 .....	.....	.....
	Mabel Lea	5	.....	.....	U. of Wis. 1 ½
	C. W. Holbrook	6	Ripon 4 .....	.....	.....
	F. W. Elson.....	6	.....	.....	Muskegon, Mich. Man. Tr. Sch. 1 ..
	Leigh M. Michelsen .....	.....	.....	.....	U. of Chi. sum.
Colfax.	Milo Hunt.....	.....	Penn College 4, In Absentia 3 U. of Chi. 2 summers. ....	.....	.....
	Mae Brewer.....	.....	Monmouth 1	I. S. N. S. 2	U. of Neb. 1 sum.
	Josephine Lucas .....	.....	S. U. of Nebr. 4 .....	.....	.....

COURSE COURSES.

Yr's experience in H. S.	High School Courses.								
	Branches studied.	Number weeks.	Rec per week.	Rec period.	Branches studied.	Number weeks.	Rec per week.	Rec period.	Branches studied.
10	Algebra	72	5 40		English	144	5 40		
4	Geometry	54	5 40		Physiology	18	5 40		Book-keeping..
20	Arithmetic	18	5 40		Political Econ ..	18	5 40		Word Analysis
4	Gen History ..	36	5 40		Latin	144	5 45		Orthography ..
1	U. S. History ..	18	4 40		Botany	18	5 45		Zoology
	Civics of U S ..	18	5 40		Eng. History ..	18	5 45		Geology
	Physical Geog ..	18	5 40		German	72	5 45		Psychology ..
	Physics	36	5 40						
15	Algebra	54	5 45		Physics	36	5 40		Latin
	Geometry	54	5 45		English	144	5 40		
	Arithmetic	18	5 40		Political Econ ..	18	5 40		German
8	Gen History ..	36	5 40		Botany	18	5 40		Geology
	U. S. History ..	18	5 40		Book-keeping ..	36	5 40		Physiology ..
	Civics	18	5 40		Latin	36	5 40		
	Physical Geog ..	18	5 45						
10	Algebra	54	5 30		Physical Geog ..	18	5 40		Botany
	Geometry	36	5 40		Physics	36	5 40		Zoology
1	Gen. History ..	36	5 40		English	20	5 40		Latin
	U. S. History ..	12	5 30		Physiology	18	5 40		
	Algebra	54	5 40		Civics of U S ..	18	5 45		Political Econ ..
	Geometry	54	5 40		Physical Geog ..	18	5 40		Botany
8	Arithmetic	36	5 45		Physic-	36	5 40		Book keeping ..
1	Gen. History ..	36	5 40		English	108	5 40		English History
	U. S. History ..	18	5 35		Physiology	18	5 40		Latin
	Algebra	54	5 40		Physics	36	5 40		Book-keeping ..
10	Geometry	36	5 40		English	36	5 40		Com. Geography
9	Arithmetic	18	5 40		Physiology	18	5 40		German
8 1/2	Gen History ..	36	5 40		Political Econ ..	18	5 40		Botany
	U. S. History ..	18	5 40		Latin	108	5 40		Book-keeping ..
	Civics	36	5 40						Com. Geography
	Physical Geog ..	18	5 40						
	Algebra	54	5 40		English	36	5 40		Botany
9	Geometry	36	5 40		Physiology	12	5 40		Algebra
12	Arithmetic	18	5 40		Political Econ ..	1	5 40		Geom. solid ..
10	Gen History ..	72	5 40		Eug. Classics ..	72	5 40		Man. Train ..
	U. S. History ..	18	5 40		Latin	152	5 40		Vocal music ..
8	Civics of U S ..	18	5 40						
1	Physical Geog ..	36	5 40		Zoology	18	5 40		German
1	Physics	36	5 40						
6									
1									
1									
1									
8									
	Algebra	54	5 40		Physics	36	5 40		Spelling
	Geometry	72	5 40		English	72	5 40		
8	Arithmetic	18	5 40		Physiology	18	5 40		Latin
11	Gen. History ..	36	5 40		Political Econ ..	18	5 40		
13 1/2	U. S. History ..	18	5 40		Botany	18	5 40		Eng History ..
	Civics	36	5 40		Classics	5	5 40		Book-keeping ..
	Physical Geog ..	18	5 40		Reviews	3	5 40		Classics

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Columbus Junction	M. C. Orouch	4	Cornell Col. 4 ...	.....	U. of Chi. 1. ...
	W. R. Lytle	6	Monmouth Col. 2 ...	.....	.....
	Pauling Collins	6	Monmouth Col. 4 ...	.....	.....
	Maud E. sign	2	Joe College 4. ...	.....	.....
Conrad ...	A. M. Gray	7	.....	I. S. N. 2. 8 .....	.....
	G. A. Sims .....	.....	.....	I. S. N. 8. 1 .....	.....
Coon Rapids .	Charles F. Schell	6	Western Col. 4 ...	.....	Doane Col. (Crete Nebr.) 1
	U. of Chicago 2. ...	.....	.....	.....	.....
	Minnie H. Deyoe	7	Bethlehem Col. 3 ...	.....	.....
	Elena Jeffrey	7	Simpson Col. 4. ...	.....	.....
Corning. ...	J. W. Fowler	1	Hamilton College N. Y. 4 .....	.....	Post grad. work at Cornell Univ. and Univ. of Chi. .
	Edna B. Thompson	6	Northwestern U. 2 ...	.....	.....
	Albion Col. (Mi) 2 ...	.....	.....	.....	S. U. I. 1/2.
	Marion H. Dampman	6	.....	.....	Wash. Sem. 4 ...
	Eva Smith	2	Monmouth Col. 5. ...	.....	Har. Su. 8. 6 w. ...
	Myra Reeves	6	Cornell College 4. ...	.....	Univ. of Chicago Summer term..
	W. S. Hicks	6	Drake 1	I. S. N. 8. 8 .....	.....
Correctionville .	O. B. Mericle	4	Western Col. 4. ...	I. S. N. 8. 6 wks. ....	.....
	Jeanette Fletcher	7	Bellevue, Neb. 8. ...	.....	Fremont, Neb., Nor. 8 mo
	Ida Fay Hoax	7	Morning Side U. 2 ...	.....	.....
	Roxie Belle McCord	7	Cornell College 4. ...	.....	Hedding Col. 3. ...
Corwith. ...	J. R. Bagge	7	Des Moines Col. 4 ...	I. S. N. 8. 1 term.	Sac City Inst. 1. ...
	Helene Townsend	7	Iowa College 2. ...	.....	.....
Corydon ..	W. L. Pugh	6	Parsons Col. 4. ...	.....	.....
	H. R. Smith	6	Cornell Col. 4. ...	.....	.....
	W. B. Hays	6	Upper Iowa 8 mo. ...	.....	.....
	Annie G. Marsh	3	Drake 8 mo. ....	.....	.....
			.....	I. S. N. 8. ....	.....

HAR COURSES.

Yrs experience in H.S.	High School Courses.									
	Branches studied.	Number weeks.	Sec. per week.	Sec. per week.	Branches studied.	Number weeks.	Sec. per week.	Sec. per week.	Branches studied.	Number weeks.
..	4 Algebra	72	5	40	English	90	5	40	Arithmetic..	15
..	2 Geometry	36	5	40	Physiology..	18	5	40	Business Meth.	18
..	2 Gen. History	54	5	40	Political Econ..	18	5	40	Eng. History..	18
..	0 U. S. History..	36	5	40	Com. Law	18	5	40	Commerces...	18
..	0 Civics	18	5	40	Expression	18	5	40	Eng. Grammar	18
..	Physical Geog.	18	5	40	Latin	06	5	40		
..	Physios	36	5	40						
..	Algebra	36	5	35	Civics	36	5	35	Political Econ	18
..	2 Geometry	54	5	35	Physical Geog..	18	5	35	Botany.....	18
..	4 Arithmetic..	36	5	35	Physica	36	5	35	Economics ..	18
..	Gen. History..	54	5	35	English.....	108	5	35	Book-keeping...	18
..	U. S. History..	18	5	35	Physiology..	18	5	35	Latin	72
..	Algebra	54	5	35	Physica	36	5	35		
..	Geometry...	54	5	35	English	144	5	35	Latin.....	72
..	4 Arithmetic..	36	5	35	Physiology	18	5	35		
..	2 Gen. History..	36	5	35	Political Econ..	18	5	35	Z ology	18
..	1 U. S. History	36	5	35	Book-keeping ..	20	5	35	Botany	36
..	Civics	22	5	35	Com. Law	18	5	35		
..	Physical Geog.	18	5	35	Latin.....	36	5	35		
..	Algebra	54	5	40	Physica	36	5	40	German	72
..	Geometry	54	5	40	English	144	5	40	Book-keeping...	18
..	Arithmetic..	18	5	40	Physiology	18	5	40	Com. Geog	18
..	11 Gen. History..	36	5	40	Botany.....	18	5	40	Political Econ..	18
..	U. S. History..	18	5	40	Latin.....	144	5	40	English Hist....	18
..	1 Civics	18	5	40						
..	Physical Geog..	18	5	40						
..	11									
..	10									
..	2									
..	..									
..	Algebra	72	5	35	U. S. History....	18	5	35	English.....	89
..	5 Geometry	72	5	35	Civics	36	5	35	Physiology	18
..	Arithmetic	18	5	35	Physical Geog..	18	5	35	Book-keeping ..	36
..	2 Gen. History..	36	5	35	Physica	36	5	35	German	36
..	..									
..	6 Algebra	54	5	35	Civics	18	5	30	Political Econ	12
..	Geometry	54	5	35	Physical Geog..	24	5	35	Botany.....	12
..	Arithmetic..	36	5	30	Physica	36	5	30	Book-keeping...	18
..	Gen. History..	36	5	35	English	108	5	30	Latin	72
..	U. S. History..	36	5	25	Physiology	12	5	25		
..	6 Algebra	51	5	40	Physios	36	5	40	Book-keeping...	36
..	8 Geometry	54	5	40	English	44	5	40	German	72
..	Arithmetic..	18	5	40	Physiology	18	5	40	Chemiatry ..	36
..	2 Gen. History	36	5	40	Geelling	144	5	15	Botany.....	18
..	3 U. S. History..	20	5	15	Music	144	2	25		
..	Civics	18	5	15	Latin	144	5	40		
..	Physical Geog	18	5	15						

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of periods	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Council Bluffs....	S. L. Thomas.....	1	S. U. I. ¾. Uni. Chicago (Sum) 2	I. S. N. S. 4.....	
	Emma N. Boesche.....	5	U. Chicago (Sum) 4		
	H. E. Colby.....	3	Des Moines Col. 4		
	Frances D. Dailey.....	5	Smith Col. 4.....		
	J. O. Grason.....	6	H. P. Col. 3½.....		
	O. Fred Grass.....	5	Iowa College 4		
			Harvard 2.....		
	A. R. Heaps.....	6	N. W. Uni. 4.....		
	Blanche Noel.....	6	Iowa College 3½.....		
	Mittie M. Pile.....	6	S. U. I. 8.....		
	Kate S. Reed.....	4	S. U. I. 2.....		Ia. Business Col..
	Jennie G. Rice.....	5	S. U. I. 4, Chicago Uni ¼.....		
	Anna Z. Ross.....	6	S. U. I. 4, Chicago Uni. 1-6.....		
	Maye Sedgwick.....	5	Drake Uni. 4.....		
	Edna M. Sprague.....	6	S. U. I. 2. Uni. Wisconsin 2		
	Charlotte A. Taylor.....	6	Denver Uni. 2...		Wallace & Woodworth Bus. C. 1
	Marcia Waples.....	6	N. W. Uni. 2, Chicago Uni. 2, Cnt. Berlin 1...		
	Natella Wood.....	6	Uni. Chicago ¼		
			Cornell 4.....		
Oresco	L. E. A. Ling.....	4	Uni. Wis. Sum. 2.		
	M. Alda Tate.....	4			Wash. Acad. 4. ..
	Etta Grice.....	7	Parson's Col. 8....		
			Drake 1; College Uni. Sum. 1		
Creston . .	Rhedella Kirtland.....	7	Uni. Minn. 4.....		
	O. E. French.....				
	William Bell.....	4			Wash. Acad. 2...
	Nancy Bell.....	7	Parsons Col. 2...		
	Elizabeth Faye Rowls.....	7	U. of Neb. 8; U. of Chicago 2		
	B. D. Stowell.....	7	Albion Col. 2.		Potoskey Nor. and Bus Col. 1; Mich. S. Nor. Col. 1...
	Sarah J. Sawyer.....	6	U. of Wis. 1.....		Rotation Acad., Vt. 7; Richland Inst. 2.....
	Jennie MacEachram.....	5			
	Edith Leslie Hatch.....	7	Oberlin Col. 4...		Oberlin Acad. ¼..
Dallas Center ..	James R. Lock.....	6	U. of Chicago 1½.		Valparaiso Col. ¾
	W. H. Gemmill.....	5	Iowa State Col. 4.		Drake 1
	Anna V. Kegler.....	7		I. S. N. S. 2.....	Mt. St. Joseph 1..
	Bertha Wise.....	7	Iowa College 4...		

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number rec. periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Des Moines North...	J. G. Grundy, Prin.....	..	.....	.....	.....
	Paul A. Deltrichson.....	..	.....	.....	Stout Man Tr. S.
	Grace Troutner.....	6	I. S. O.....	I. S. N. S. 4.....	Bradley Inst. S.
	Grace Fager.....	6	U. of Wis.....	.....	Des Moines Col.
	Ella Mehlin.....	6	Drake 3½.....	.....	.....
	Anna G. Herrick.....	6	Iowa Col. 4.....	.....	.....
	J. L. Martin.....	6	Cornell U. 4.....	.....	.....
	Ruth W. Grefe.....	6	Iowa Col. 2.....	.....	.....
	T. E. Goodell.....	6	Vassar Col. 4.....	.....	.....
		6	U. of Chi. 2, U. of S. D., Johns Hopkins 2.....	.....	U. of Rochester Chi. Med. Col.
	Mabel E. Frisbie.....	6	Iowa Col. 4.....	.....	.....
	Emma C. Moulton.....	6	Iowa Col.....	.....	.....
	R. E. Farrand.....	4	Drake 4.....	.....	.....
Dexter....	D. P. Repass.....	6	.....	.....	N. Ind. Nor. S.
	Bessie Burnett.....	7	Simpson Col. 3.....	I. S. N. S. 2.....	.....
	Jessie Hinkle.....	6	S. U. I. 4.....	.....	.....
	Francis H. Arnold.....	7	Iowa Western U. Conservatory 2.....	Wis. Nor. ½.....	Chi. Sch. of Mus. Methods.....
Dow City.	Harry D. Kies.....	8	Drake 4.....	.....	.....
	Myrtle Newman.....	6	Cornell Col. 1½.....	I. S. N. S. sum s.	U. of Neb. 1.....
Dows.....	C. H. Gilbert.....	6	.....	I. S. N. S. 4.....	Elsworth Col. 2..
	Daisy P. Blum.....	7	S. U. I. 4.....	.....	.....
	Eva L. Cole.....	7	.....	I. S. N. S. 2.....	.....
Dubuque.	Frank L. Smart, Prin....	..	Howard U. 3.....	.....	Nor. Ind. 4, U. of Chi. 3 terms....
	John A. Anderson.....	6	Lake Forest U. 2.....	.....	U. of Chi. 1 term, U. of Mi. 1 term, Harvard U. 11..
	Helen M. I. Sauer.....	6	Private instruction after graduating from Dubuque H. S. 3 y's.....	.....	.....
	Susan W. Hetherington....	6	Young Ladies' Sem. of Dubuq'e 4 years, Grad. of O. L. S. C. 4.....	.....	.....
	Harriet E. Greenhow.....	6	Private instruction after graduating from Dubuque H. S. 1 yr.....	.....	.....

OUR YEAR COURSES.

[illegible]

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Des Moines West	W. O. Riddell, Supt.....	.....	.....	.....	.....
	W. A. Crusinberry.....	.....	S. U. I. and U. of Chi. (Special), Oskaloosa Col. 2 ..	.....	Goodsell Observ. 4 summers, Lenox Acad. and Col. 7
	Martha A. Beeson.....	5	Butler U. I., U. of Wis. (Summer)	.....	U. of Chi. (Correspondence), Tr. school (Marshalltown, Ia.) 1
	Jora Brotherton.....	5	U. of Chi 1. Knox Col. 4 .....	.....	U. of Minn. 1 sum, Cornell U.....
	Anna L. Burdick.....	5	S. U. I. 4 .....	.....	.....
	M. Leon Duflos.....	4	Col. de Lemm 10, Lycee' Charlemagne (Paris) 8 .....	.....	.....
	Clara Foss.....	6	.....	.....	Grinnell Acad. 1
	Dorothy Fowler.....	5	U. of Mich. 8. ....	.....	Drake 1.
	Adele Fuchs.....	5	U. of Chi. 2 sem., S. U. I. 2 years .....	.....	Berlin U. 1, Col. of Med 2.....
	Lizbeth V. Griffith.....	4	Chi. Froebel Ass. 1 .....	.....	Humboldt Col. ½
	Lafayette Higgins.....	6	Drake 4 .....	.....	.....
	Francis Keffer... ..	5	Pratt Ins. 2. ....	.....	Cumming School of Art 2
	Margaret King	5	Drake U. 4, U. of Chi. 2.....	.....	W. D. M. Trans. School
	Zulema Kostomlatsky.....	4	S. U. I. 4 .....	.....	U. of Chi. 1 qr.....
	Cordelia Kyle.....	5	Iowa Col. 1 .....	.....	S. Ses. Amherst...
	Jarah M. Loving.....	4	S. U. I. 3½, U. of Chi. ....	.....	Studied in Ger...
	Frances Mac Farland.....	4	Woman's College (Balt.) 1, D. M. Col. 2 .....	.....	U. of Minn. 1.....
	Albert W. Merrill	5	Iowa Col. 4 .....	.....	.....
	Alice E. Moss.....	4	Drake (Summer). ..	I. S. N. S. 1.....	U. of Chi.....
	A. C. Newell.....	4	U. of Mich. 4.....	.....	Columbia, B. V. Sloyd Sch. 14
	Letta Simmons.....	5	Carthage Col. 4.. ..	.....	U. of Chi. 1.....
	Clay D. Slinker	6	.....	.....	O. O. C. Col.....
	Herbert B. Smith	5	U. of Minn. 4. ....	.....	.....
	Minnie Snure.....	5	.....	St. Nor. College Mich. 4½.....	.....
	Mary Stanley.....	5	Cornell Col. 8....	.....	D. M. Col. 6 mo..
	Leslie Taft.....	5	Drake 8.....	.....	U. of Chi. 1.....
	Josephine Taylor.....	5	Drake 2.....	.....	Cook Co. Nor. 2 U. of Chi. ½....
	Eldon Usry	4	Iowa State Col 4½ .....	.....	.....
	N. H. Weeks.....	5	Amherst Col. 4. ....	.....	Hartford Theol. 8
	Otto Wendelburg.....	5	Ger. Am. Teach. Sem. (Mil.) 2:.. ..	.....	Nor. Sch. of N.A. Gymnastic Union 2.....
	Mrs. Otto Wendelburg.	5	Ger. Am. Teach. Sem. (Mil.) 2. ....	.....	Nor. Sch. of N.A. Gymnastic Union, Chautauque N. Y. 2 sum....
	Katherine Willis.....	5	Des Moines Col. 4 .....	.....	U. of Wis. ½.....
	Josephine V. Williams.....	5	S. U. I. 4 .....	.....	U. of Chi. 1 term

JK YEAR COURSES.

Degree held.	Yrs experience in S. S.	High School Courses.											
		Branches studied.	Number weeks	Rec. per week	Rec. period.	Branches studied.	Number weeks	Rec. per week	Rec. period.	Branches studied.	Number weeks	Rec. per week	Rec. period.
A. B.....	25	Algebra	84	5	45	Latin	144	5	45	Solid Geometry	1	5	45
		Geometry	86	5	45	Latin Prose ..	144	1	45	Algebra—Adv.	10	5	45
		General Hist....	86	5	45					Physics	108	5	45
		U. S. History....	86	5	45					Shop Work...	108	5	45
		Civics	18	5	45	Chem. or Zoology	86	7	45	Mechan. Draw.	108	5	45
		Physical Geog	18	5	45	Physics	86	7	45				
		English	144	5	45	Geometry—Solid	72	5	45	Latin or Ger...	72	5	45
		Physiology	18	5	45	German or Latin	18	5	45	French or Ger..	72	5	45
		Botany	18	5	45					Cum. Course ..	86	5	45
	13												
	11												
	18												
	1												
	7												
	4												
	12												
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HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number rec. periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Des Moines North...	J. G. Grundy, Prin.....	.....	.....	.....	.....
	Paul A. Deitrichson.....	.....	.....	.....	Stout Man Tr. S. 1
	Grace Troutner.....	6	I. S. O.....	I. S. N. S. 4.....	Bradley Inst. 5 w
	Grace Fager.....	5	U. of Wis. ....	.....	Des Moines Col. ½
	Ella Mehlin.....	5	Drake 5½.....	.....	.....
	Anna G. Herrick.....	5	Iowa Col. 4.....	.....	.....
	J. L. Martin.....	5	Cornell U. 4.....	.....	.....
	Ruth W. Grefe.....	5	Iowa Col. 2.....	.....	.....
	T. E. Goodell.....	5	Vas-ar Col. 4.....	.....	.....
	.....	.....	U. of Chi. 2, U. of S. D., Johns Hopkins 2.....	.....	U. of Rochester, Chi. Med. Col..
	Mabel E. Frisbie.....	5	Iowa Col. 4.....	.....	.....
	Emma C. Moulton.....	5	Iowa Col. ....	.....	.....
	R. E. Farrand.....	4	Drake 4.....	.....	.....

Dexter....	D. P. Repass.....	6	.....	.....	N. Ind. Nor. 1..
	Bessie Burnett.....	7	Simpson Col. 3..	I. S. N. S. 2.....	.....
	Jessie Hinkle.....	6	S. U. I. 4.....	.....	.....
	Francis H. Arnold....	7	Iowa Western U. Conservatory 2	Wis. Nor. ½.....	Chi. Sch. of Music Methods.....
Dow City.	Harry D. Kies.....	8	Drake 4.....	.....	.....
	Myrtle Newman.....	8	Cornell Col. 1½...	I. S. N. S. sum s.	U. of Neb. 1.....
Dows.....	C. H. Gilbert.....	5	.....	I. S. N. S. 4.....	Elsworth Col. 2..
	Daisy P. Blum.....	7	S. U. I. 4.....	.....	.....
	Eva L. Cole.....	7	.....	I. S. N. S. 2.....	.....
Dubuque.	Frank L. Smart, Prin....	.....	Howard U. 3.....	.....	Nor. Ind. 4, U. of Chi. 3 terms....
	John A. Anderson.....	6	Lake Forest U. 2.	.....	U. of Chi. 1 term, U. of Mi. 1 term, Harvard U. 11..
	Helen M. I. Sauer.....	6	Private instruction after graduating from Dubuque H. S. 2 y's	.....	.....
	Susan W. Hetherington....	6	Young Ladies' Sem. of Dubuque 4 years, Grad. of O. L. S. C. 4.	.....	.....
	Harriet E. Greenhow.....	6	Private instruction after graduating from Dubuque H. S. 1 yr.	.....	.....

YEAR COURSES.

[illegible]

HIGH SCHOOL STATISTICS

High school.	Name of instructor.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Dubuque..	Matilda A. Harrington.....	6	U. of Mich. 2½....	I. S. N. S. 2.....	U. of Cal. (P.G.) 1
	J. O. Nelson	6	Hanover Col. 4....	.....	U. of Mich. 1 term
					U. of Ind. 1 term
					U. of Wis. 1 term
					Harv. U. 1 term
	J. P. Mueller.....	6	U. of Namur (Belgium) 1	Royal N. Luxemburg 3, Cook Co. Nor. 1.....	.....
	Gayle Hamilton.....	8	U. of Berlin 1.....	.....	The Sorbonne Paris is ½. Private institution Paris
	Grace G. Murray	6	U. of Chi. 4.....	.....	.....
	W. W. Claus	7	.....	.....	U. of Wis., Manual training Co 4 terms.....
	N. D. Hamilton	6	U. of Indiana 4....	Ind. State Nor. 1.	U. of Chi. 1 term.
	W. B. Caslin.....	6	U. of Nebr. 3....	Neb. State Nor. 3	Emerson Col. Oration (Boston) 1 term... ..
	Fred S. Barrows.....	6	U. of Wis. 2.....	State Nor. (Point Stevens) 2.....	.....
	Anna F. Jess.....	6	.....	.....	St. Joseph Col. 4.
	Linda Rider.....	6	U. of Wis. 4 .....	.....	.....
Dunlap...	Geo. Galloway.....	4	S. U. I. 1.....	I. S. N. S. ....	.....
	Roxy Peterson.....	7	.....	I. S. N. S. ....	.....
	Mayme Taylor.....	7	Iowa Col. 4.....	.....	.....
Dysart....	I. J. McGinty.....	5	Cornell U. 3, Central U. 2....	.....	Fredonia Normal (N. Y.) 2.....
	E. Nelle Rait.....	7	Monmouth Col. 1.	.....	.....
	Alice J. White.....	5	.....	I. S. N. S. 3.....	.....
Eagle Grove...	L. G. Focht.....	2	Tabor College 2,	.....	.....
		7	Drake 4.....	.....	.....
	Adelaide Boden.....	7	Drake Nor. S. 2,	.....	.....
		7	Drake U. 2.....	.....	.....
	Bernice Johnston.....	7	.....	I. S. N. S. 1 term	S. U. I. 1 term...
	Eugenia Pattison.....	7	.....	I. S. N. S. 2.....	.....
	Jessie L. Hopkirk.....	4-	.....	I. S. N. S. 2.....	.....

YEAR COURSES.

on.	Yr's experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Less per week.	Rec. period.	Branches studied.	Number weeks.	Less per week.	Rec. period.	Branches studied.	Number weeks.	Less per week.	Rec. period.
Di.	0												
M.	15												
.....	0												
.....	10												
.....	5												
.....	4												
.....	2												
.....	3												
.....	1												
.....	1												
Di.	10	Algebra	54	5 40	Physical Geog.	18	5 40						
.....	8	Geometry	36	5 40	Physics	36	5 40	German	72	5 40			
.....	..	Arithmetic.	36	5 35	English	136	5 40	Word Analysis.	18	5 40			
.....	..	Gen. History.	36	5 40	Physiology.	18	5 40	Book-keeping.	18	5 35			
.....	..	U. S. History.	14	5 40	Latin	144	5 40	Latin	36	5 40			
.....	..	Civics of U. S.	18	5 40									
.....	..	Algebra	54	5 40	English	144	5 40	Civics—Iowa.	18	5 40			
.....	..	Geometry	36	5 40	Physiology	18	5 40	Book-keeping ..	18	5 40			
L. B.	0	Arithmetic.	18	5 40	Botany	18	5 40	Political Econ.	18	5 09			
.....	..	Gen. History.	36	5 40	Latin	36	5 40	Eng. History.	18	5 09			
.....	9	U. S. History.	18	5 40				Oldactics.	18	5 09			
.....	..	Civics of U. S.	18	5 40	Latin.	108	5 40	Arithmetic.	18	5 40			
.....	..	Physical Geog.	18	5 40	Geometry—Solid ..	18	5 40	Reviews	18	5 40			
.....	..	Physics	36	5 40									
.....	..	Algebra	54	5 40	Physics	36	5 40	Latin	144	5 40			
.....	..	Geometry	54	5 40	English	144	5 40						
.....	..	Arithmetic.	18	5 40	Physiology	18	5 40	Zoology.	18	5 40			
h. B. ....	..	Gen. History.	54	5 40	Political Econ.	18	5 40	German	72	5 40			
.....	..	U. S. History.	18	5 35	Botany	18	5 40	Book-keeping.	18	5 40			
.....	..	Civics	18	5 40									

HIGH SCHOOL STATISTICS

High School.	Name of instructors.	Number of period.	Preparation.		
			Years in College or university.	Years in a State Normal.	Years in other institutions above high school grade.
Earlham ..	William H. Monroe.	6	Parsons Col. ....	.....	Bloomfield Nor. and Scientific Institution 4.....
	E. L. Ferrier.....	6-8	.....	.....	Valparaiso Col. 1
	R. V. Hopkins.....	6-8	Lombard College Galesburg, (Ill.) 4.....	.....	U. of Chi. 1/4 Chi. Normal 1/4 Highland Park 1/4 Muscatine Bos. Col. 1/4.....
Early	F. L. Kolb	6	.....	I. S. N. S. 4 .....	.....
	Altha Stone.....	8	.....	I. S. N. S. 3.....	.....
Eddyville .	J. A. Yeager.....	8	.....	I. S. N. S. 3 1/2.....	.....
	Mary A. Moore	8	Penn Col. 4. ....	.....	.....
Edgewood.	Thos. R. Roberts	7	Upper Iowa University 4.	.....	.....
	M. J. P. Thing	8	Carelton Col. 4....	.....	Chi. Theo. Sem 1
Eldon	A. S. Fulton	4	Mich. Univ. 3....	.....	Wash. Acad. 4....
	Miss Chidester.....	6	Parsons Col. 4 .....	.....	.....
	Miss Whipple.....	6	Iowa State Col. 4 .....	.....	.....
Eldora.....	A. J. Cavana.....	4	S. U. I. ....	.....	Harv. & U. of C. Summer schools..
	Luella M. Albrook.....		Cornell Col.....	.....	.....
	Jennie Fenton		S. U. I.....	.....	.....
	Kate Donaldson.....		.....	.....	.....
	Miss Seever (Music).....		.....	.....	.....
Elma.....	A. R. McCook.....	6	Univ. of Minn 1.	.....	.....
	Mrs. A. R. McCook.. ..	7	.....	.....	.....

YEAR COURSES.

E.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	20	Algebra	60	5	35	Physics	30	5	35	Eng Classics...	12	5	35
.....		Geometry	45	5	35	English	144	5	35	Latin	108	5	35
.....		Arithmetic	24	5	35	Physiology	12	5	35	Book-keeping	12	5	35
.....		Gen History	36	5	35	Political Econ. ..	24	5	35	Astronomy	12	5	35
.....		U. S. History	18	5	35	Agriculture	12	5	35	Botany	12	5	35
.....		Civics	18	5	35	Com Geog	12	5	35				
.....		Physical Geog	18	5	35	Word Analysis	36	5	35				
.....	7												
.....	1												
.....	5	Algebra	64	5	45	Civics	18	5	30	Political Econ	1	5	30
.....	1	Geometry	64	5	45	Physical Geog	12	5	30	Bookkeeping	1	5	35
.....		Arithmetic	36	5	30	Physics	36	5	45	Latin	7	5	35
.....		General Hist.	36	5	30	English	128	5	30				
.....		U. S. Hist.	18	5	30	Physiology	12	5	30				
.....	2	Algebra	72	5	30	Civics	18	5	35	Botany	12	5	30
.....	2	Geometry	64	5	30	Physical Geog.	36	5	30	Bookkeeping	36	5	35
.....		Arithmetic	12	5	30	Physics	36	5	30	Latin	66	5	35
.....		General Hist.	36	5	30	English	90	5	30				
.....		U. S. Hist.	36	5	30	Political Econ.	18	5	30				
.....		Algebra	64	5	40	U. S. Hist.	18	5	40	English	144	5	40
.....		Geometry	64	5	40	Civics	18	5	40	Physiology	12	5	40
.....	B. L	Arithmetic	12	5	40	Physical Geog.	18	5	40	Botany	12	5	40
.....		General Hist.	36	5	40	Physics	36	5	40	Latin	108	5	40
.....	12	Algebra	72	5	40	Phys.	36	5	40	Physiology	12	5	40
.....	5	Geometry	54	5	40	English	144	5	40	Zoology	12	5	40
.....	5	Arithmetic	12	5	40	Political Econ.	18	5	40	Book-keeping	12	5	40
.....		General Hist.	36	5	40	Latin	144	5	40	Hist U. S.	12	5	40
.....		Civics	18	5	40					German	72	5	40
.....		Physical Geog.	18	5	40								
.....	12	Algebra	64	5	40	Physical Geog.	18	5	40	Botany	12	5	40
.....		Geometry	64	5	40	Physics	36	5	40	Orthography	12	5	40
.....	5	Arithmetic	12	5	40	English	144	5	40	Bookkeeping	12	5	40
.....	5	General Hist.	36	5	40	Latin	144	5	40	German	36	5	40
.....		U. S. Hist.	18	5	40					Latin	36	5	40
.....		Civics	12	5	40					Oldaction	12	5	40
.....	4	Algebra	54	5	40	Physics	36	5	40	Bookkeeping	12	5	40
.....		Geometry	64	5	40	English	144	5	40	Latin	72	5	40
.....		Arithmetic	12	5	40	Political Econ.	18	5	40	German	72	5	40
.....		Gen'l History	36	5	40	Botany	12	5	40				
.....		U. S. History	18	5	40	Eng History	12	5	40				
.....		Civics	36	5	40	Com'l. Geog	12	5	40				
.....		Physical Geog.	18	5	40	Com'l. Law	12	5	40				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Grianell..	Eugene Heneley.....	6	.....	.....	.....
	Elizabeth Fisher.....	6	Iowa Col. 4.....	.....	Madison Sem. Sch.
	Blanche Snider.....	6	N. W. Univ. 4..	.....	.....
	Emma Johnson.....	6	Iowa Col. 4.....	.....	Grafton Nor. Sch. 5 wks.....
	Alice Dunham.....	6	Iowa Col. 5.....	.....	Univ of Chio.
	Katherine Macy.....	6	Iowa College 4. Wellesley Col. 1	.....	Sum. Sch. of Wash. Univ.
	Mable Dunbar.....	6	Iowa Col. 4	.....	Heidelberg Col. Berlin, Germ'y
	Sarah Nollen.....	6	Iowa College 8..	.....	.....
	Ruth Field.....	7	Iowa College 4..	.....	.....
	Walter I. Griffith.....	6	S. U. I. 4.....	I. S. N. S. 1...	.....
Griswold..	G. U. Gordon.....	6	Indiana Col. 4..	.....	N. I. N. S.
	Cora Selby.....	6	.....	I. S. N. S. 8	.....
	J. Ella Baker.....	4	Columbia Col. 2 Clarksb'g, Col (Mo.) 1½.	Carbondale, Ill ¾	.....
Grundy Center..	O. L. Love.....	8	.....	I. S. N. S. 8...	.....
	O. M. Parker.....	5	.....	I. S. N. S. 8...	.....
	Mary Green.....	4	.....	.....	Wheaton, Sem. (Mass) 8.....
	Maggie Gray.....	6	Coe College 4.....	.....	.....
	Clara Krause.....	6	.....	I. S. N. S. 8...	.....
Guthrie Center..	O. V. Williams.....	5	.....	Neb. State Nor. 5	.....
	F. S. Riser.....	.....	Iowa Col. 4.....	.....	.....
	Eva Whitnell.....	.....	Coe Col. 4.....	.....	.....
Guttenberg....	Charles F. Pye.....	4	Cornell Col. 8. Univ. of Texas 1	.....	Ellsworth Col. 1.
	Edwinna Bolton.....	8	Univ. of Iowa 2..	.....	.....
	Emma E. Halkofen.....	8	Univ. of Iowa 4	.....	.....
Hamburg.	J. E. Clayton.....	4	S. U. I. 2.....	I. S. N. S. 4....	.....
	Lida Hodge.....	7	S. U. I. 8.....	.....	Simpson Col. 1..
	Helen C. Bayles.....	7	Iowa Col. 4	.....	Ortley Col. 2. (Nevada, Mo.)
	Lovena Toedt.....	.....	.....	.....	Conserv. of Music
Hampton	O. W. Maxwell.....	2	Simpson Col 4....	.....	.....
	Verna Bernard.....	6	I. S. N. S. 2.....	.....	.....
	Ola A. Logan.....	4	I. S. N. S. 2.....	.....	.....
	Maude Stokes.....	6	Parsons Col. 4..	.....	.....
	Blanche Graham.....	6	Wesley Col. 1..	.....	.....
	Robert G. Miller.....	1	Univ. Mich. 1	.....	Nor'n Ind. Nor. 1
	Lillian Newton.....	2	Univ Chi. 1.....	.....	Cap. O'y Com. Coll
			Iowa State Col. 1.	.....	.....
			Iowa Col. 4.....	.....	.....

YEAR COURSES.

No.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	7	Algebra.....	56	5	35	Civics.....	36	5	35	Botany.....	16	5	35
.....	4	Geometry.....	56	5	35	Physical Geog..	36	5	35	Bookkeeping..	16	5	35
.....		Arithmetic.....	36	5	35	Physics.....	36	5	35	Latin.....	144	5	35
.....		Gen'l History	36	5	35	English.....	108	5	35				
.....		U. S. History.	16	5	35	Political Econ..	16	5	35				
.....	18 1/2	Algebra.....	56	5	40	Physics.....	36	5	40	German.....	72	5	40
.....	6	Geometry.....	56	5	40	Political Econ..	108	5	40	Eng History..	18	5	40
B. D.	5	Arithmetic.....	16	5	40	Botany.....	18	5	40	Bookkeeping..	18	5	40
.....		Gen'l History	36	5	40	English.....	18	5	40	Zoology.....	18	5	40
.....		U. S. History.	18	5	40	Latin.....	144	5	40	Chemistry.....	18	5	40
.....		Civics of U. S.	18	5	40					Physiology.....	18	5	40
.....		Physical Geog	18	5	40					Reviews.....	18	5	40
.....	17	Algebra.....	56	5	40	Physics.....	36	5	40	Latin.....	144	5	40
.....	2	Geometry.....	56	5	40	English.....	134	5	40				
.....	2	Arithmetic.....	18	5	40	Physiology.....	18	5	40	Com'l Geog...	18	5	40
A.	3	Gen'l History	36	5	40	Political Econ..	18	5	40	Com'l Law....	18	5	40
D. M. D.	7	U. S. History.	18	5	40	Botany.....	18	5	40	Pedagogy.....	18	5	40
.....		Civics.....	18	5	40	Zoology.....	18	5	40	Bookkeeping	18	5	40
.....		Physical Geog.	18	5	40								
.....	8	Algebra.....	56	5	45	Civics.....	18	5	45	Political Econ..	18	5	45
.....		Geometry.....	56	5	45	Physical Geog..	18	5	45	Latin.....	144	5	45
.....		Arithmetic.....	18	5	45	Physics.....	36	5	45				
.....	5	General Hist...	36	5	45	English.....	144	5	45				
.....		U. S. History..	18	5	45	Physiology.....	18	5	45				
3. A. M.	10	Algebra.....	72	5	45	English.....	108	5	45	Physiology.....	18	5	40
D.	11	Geometry.....	56	5	45	Pol Econ.....	18	5	40	Zoology.....	18	5	40
.....	6	Arithmetic.....	8	5	40	Book-keeping...	16	5	40	Botany.....	21	5	40
.....	8 1/2	General Hist..	36	5	40	Latin.....	144	5	40	English History	21	5	40
D.	1	U. S. History..	20	5	40					English Classics	21	5	40
.....	8	Civics.....	12	5	40	Physical Geog..	20	5	40	Eng. Grammar	18	5	40
.....	8	Physics.....	36	5	40								
.....	12	Algebra.....	56	5	40	Civics.....	36	5	40	Political Econ..	18	5	40
D.		Geometry.....	44	5	40	Physical Geog..	36	5	40	Botany.....	18	5	40
.....	7	Arithmetic.....	32	5	40	Physics.....	32	5	40	Geology.....	18	5	40
.....		General Hist..	32	5	40	English.....	12	5	40	Astronomy....	18	5	40
.....		U. S. Hist.....	32	5	40	Physiology.....	32	5	40	Latin.....	46	5	40
.....	11	Algebra.....	56	5	40	Physical Geog..	18	5	40				
.....		Geometry.....	56	5	40	Physics.....	36	5	40	Cicero.....	36	5	40
.....		Arithmetic.....	18	5	40	English.....	126	5	40				
.....	9	Gen. History.	36	5	40	Physiology.....	18	5	35	Book keeping..	18	5	35
.....	1	U. S. History.	18	5	40	Political Econ..	18	5	35	Com. Law.....	15	5	35
.....	1	Civics.....	18	5	40	Latin.....	72	5	40				
.....	4	Algebra.....	56	5	40	Physical Geog..	36	5	40	Botany.....	20	5	40
.....		Geometry.....	56	5	40	Physics.....	36	5	40	Physiology.....	18	5	40
.....		Arithmetic.....	36	5	40	English.....	144	5	40	Word Analysis.	18	5	40
.....		Gen. History	36	5	40	Political Econ..	30	5	40				
.....		U. S. History.	18	5	40	Latin.....	144	5	40				
.....		Civics.....	36	5	40								
.....		Algebra.....	56	5	35	Physical Geog..	18	5	35	Latin.....	56	5	35
D.	8	Geometry.....	56	5	35	Physics.....	36	5	35				
.....		Arithmetic.....	18	5	35	English.....	144	5	35	German.....	72	5	35
.....		Gen. History.	36	5	35	Physiology.....	18	5	35				
.....		U. S. History..	18	5	35	Political Econ..	18	5	35				
.....		Civics.....	18	5	35	Book-keeping...	18	5	35				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Harlan	George H. Ballard	5	S. U. I. 3	I. S. N. S. 1½	N. Ind. Nor. Sch
	Frances M. Gardner	7	S. U. I. 3 .....	.....	.....
	May A. Brown	7	Simpson Col. 3	I. S. N. S. 1 .....	.....
	Mary E. Polk	6	S. U. I. ....	.....	.....
	Mabel Ellis	2	Olivet Col. Mich. 2 .....	.....	Tabor Col. 1
	Letta Smith	2	.....	.....	.....
	Elsie E. Whitford Music & Drawing .....	.....	.....	I. S. N. S. ....	.....

Hartley ...	Willis J. Bell ..	8	.....	I. S. N. S. 8½	Univ. of Wis. ½
	Lila Orego.	6	Iowa State Col. 1	I. S. N. S. 1	Epworth Sem. 2
	Margaret Mitchell	6	.....	I. S. N. S. 3 .....	.....
	Pearl Woodford	6	Morningside Col. 6 .....	.....	.....
Hawarden	Samuel Thomas May	4	S. U. I & U of O. 2 .....	.....	Nw Ind Nor Sch. 1
	Estellen Helen Fox	7	U. of Mich. ....	.....	.....
	Alice Margretta Waldren	6	S. U. I. ....	.....	.....
	Annie Moore	7	U. of Nebr. 4 .....	.....	Special student U. of Colo. 1 term...
	Edith Virginia Logan	2	.....	.....	.....
Hedrick..	H. F. Young	6	Parsens Col. 3 .....	.....	.....
	Erma L. Krout	8	Penn Col.	I. S. N. S. ....	.....
	Bartha Fordyce	6	.....	.....	.....
	Nellie Henry	2	.....	.....	.....
H eman..	L. W. Fike	6	Wash. Univ. 4	S. E. Pa. St. Nor 2 .....	.....
	Effie Longman	7	.....	I. S. N. S. 2 .....	.....
Holstein...	R. A. Griffin .....	.....	Drake 6 .....	.....	.....
	Ethel M. Thomas	8	Drake 4 .....	.....	.....
	Sue Snyder	2	Drake 4 .....	.....	.....
	Fred San	5	.....	.....	.....
Hubbard.	Geo. A. Glenny	7	.....	I. S. N. S. 4	U. of Chi. ½
	Vera Lighthall	7	.....	I. S. N. S. 2 .....	.....
Humeston.	Ines F. Kelso	6	S. U. I. 4 .....	.....	.....
	Myrtle A. Dungan	8	Parsons Col. 2 .....	.....	.....
Hull.....	S. I. Neveln	6	Des Moines Col. 1	I. S. N. S. 2 terms	Drake 1 term
	Anna Donnelly	8	Parsons Col. 4 .....	.....	.....

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in state Normal.	Years in other institutions above high school grade.
Glenwood.	L. H. Maus.....	2	Neb. Wes. Univ. 7		
	Fannie O. Ames.....	6	Drake $\frac{3}{4}$	I. S. N. S. $\frac{3}{4}$	
	Ellen O. Jackson.....	6		I. S. N. S. 2.....	
	Francis Towalee.....	5	Tabor Col. 2 Uni. Kan. 3..		
	Susan Jewell.....	6	Taber Col. 4.....		
Glidden...	J. W. Atchley.....	8		I. S. N. S. 4.....	
	Inez Palmer.....	5		I. S. N. S. 2.....	
	Florence Odell.....	5	S. U. I. 2.....		
	Alma Reichert.....	5		I. S. N. S. 8.....	
Goldfield..	O. H. Benson.....		S. U. I. Pt. of Yr..	I. S. N. S. -Pt. of Yr.	Epworth Sem. 1.
	Mrs. O. A. Hoelscher.....		Cornell Col. 4.....		Cornell Acad. 1..
Gowrie....	C. E. Cavett.....			I. S. N. S. 4.....	
	Mrs. O. E. Cavett.....			I. S. N. S. 4.....	
Grand Junction	Thomas R. Amlie.....	1	S. U. I. 2.....	I. S. N. S. $2\frac{1}{2}$	Uni. of Chi. $1\frac{1}{2}$..
	Celestine Ineze... ..	7		I. S. N. S. $2\frac{1}{2}$	
Grand River ...	H. L. Cosner.....	11	Drake.....		High Park.....
	Kate Hull.....	12		I. S. N. S.....	
Grant Park (Des Moines)	T. E. McCarty.....	4		I. S. N. S.....	
	Hazel Davison.....	7	Drake Uni. 4.....		
	Leona Garmong.....	8	Drake Uni. 2.....		
Greene....	Benjamin Boardman..	4	S. U. I 2.....	I. S. N. S. 8.....	
	Kate H. McDonald.....	7	Drake 4.....	I. S. N. S. 2.....	
	Mae M. Bower.....	7	Iowa State Col. 4		
Greenfield	P P. Sullivan.....	4	Drake $6\frac{1}{2}$		
	Effie Cameron.....	7	Drake 4.....		U. of Chicago. 1..
	Margaret Jackson.....	7	Tarkio Col. 3.		U. of Chicago 1. .
	D. K. Earl.....	2			

YEAR COURSES

[illegible]

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Grianell...	Eugene Heneley.....	6	.....	.....	.....
	Elizabeth Fisher.....	6	Iowa Col. 4.....	.....	Madison Sem.Sch
	Blanche Snider.....	6	N. W. Univ. 4..	.....	.....
	Emma Johnson.....	6	Iowa Col. 4.....	.....	Grafton Nor. Sch. 5 wks.....
	Alice Dunham.....	6	Iowa Col. 5.....	.....	Univ of Chio....
	Katherine Macy.....	6	Iowa College 4. Wellesley Col. 1	.....	Sum. Sch. of Wash. Univ....
	Mable Dunbar.....	6	Iowa Col. 4.....	.....	Heidelberg Col. Berlin, Germ'y 1
	Sarah Nollen.....	6	Iowa College 8..	.....	.....
	Ruth Field.....	7	Iowa College 4..	.....	.....
	Walter I. Griffith.....	6	S. U. I. 4.....	I. S. N. S. 1...	.....
Griswold..	G. U. Gordon.....	6	Indiana Col. 4..	.....	N. I. N. S.....
	Cora Selby.....	6	.....	I. S. N. S. 8	.....
	J. Ella Baker.....	4	Columbia Col. 2 Clarksbr'g, Col (Mo.) 1½.	Carbondale, Ill ¾	.....
Grundy Center ..	O. L. Love.....	8	.....	I. S. N. S. 8...	.....
	O. M. Parker.....	5	.....	I. S. N. S. 8...	.....
	Mary Green.....	4	.....	.....	Wheaton, Sem. (Mass) 8.....
	Maggie Gray.....	6	Coe College 4.....	.....	.....
	Clara Krause.....	6	.....	I. S. N. S. 8...	.....
Guthrie Center...	O. V. Williams.....	5	.....	Neb. State Nor. 5	.....
	F. S. Riser.....	.....	Iowa Col. 4.....	.....	.....
	Eva Whitnell.....	.....	Coe Col. 4.....	.....	.....
Guttenberg.....	Charles F. Pye.....	4	Cornell Col. 8. Univ. of Texas 1	.....	Ellsworth Col. 1.
	Edwinna Bolton.....	8	Univ. of Iowa 2..	.....	.....
	Emma E. Halkofen.....	8	Univ. of Iowa 4	.....	.....
Hamburg.	J. E. Clayton.....	4	S. U. I. 2.....	I. S. N. S. 4....	.....
	Mia Hodge.....	7	S. U. I. 8.....	.....	Simpson Col. 1..
	Helen C. Bayles.....	7	Iowa Col. 4.....	.....	.....
	Lovena Toedt.....	.....	.....	.....	Cottey Col. 8. (Nevada, Mo.) Conserv. of Music
Hampton	O. W. Maxwell.....	2	Simpson Col 4....	.....	.....
	Verna Bernard.....	6	I. S. N. S. 2.....	.....	.....
	Ola A. Logan.....	4	I. S. N. S. 2.....	.....	.....
	Maude Stokes.....	5	Parsons Col. 4..	.....	.....
	.....	.....	Wesley Col. 1..	.....	.....
	Blanche Graham.....	6	Univ. Mich. 1 Univ Chi. 1.....	.....	Nor'n Ind. Nor. 1
	Robert G. Miller.....	1	Iowa State Col. 1.	.....	Cap. O'y Com. Col. 1
	Lillian Newton.....	2	Iowa Col. 4.....	.....	.....

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Harlan	George H. Ballard.....	5	S. U. I. 3.....	I. S. N. S. 1½.....	N. Ind. Nor. Sch. 1
	Frances M. Gardner.....	7	S. U. I. 3.....	.....	.....
	May A. Brown.....	7	Simpson Col. 3.....	I. S. N. S. 1.....	.....
	Mary E. Polk.....	6	S. U. I. ....	.....	.....
	Mabel Ellis	2	Olivet Col. Mich. 2	.....	Tabor Col. 1.....
	Letta Smith	2	.....	.....	.....
	Elsie E. Whitford Music & Drawing.....	.....	.....	I. S. N. S. ....	.....
Hartley ...	Willis J. Bell ..	3	.....	I. S. N. S. 8½	Univ. of Wis. ½..
	Lila Crego.	6	Iowa State Col. 1.	I. S. N. S. 1.....	Epworth Sem. 1..
	Maragret Mitchell	6	.....	I. S. N. S. 3 .....	.....
	Pearl Woodford.....	6	Morningside Col. 6	.....	.....
Hawarden	Samuel Thomas May.....	4	S. U. I & U of O. 2	.....	Nw Ind Nor Sch. 2
	Estellen Helen Fox.....	7	U of Mich.....	.....	.....
	Alice Margretta Waldron	6	S. U. I. ....	.....	.....
	Annie Moore....	7	U. of Nebr. 4....	.....	Special student U. of Colo. 1 term...
	Edith Virginia Logan.....	2	.....	.....	.....
Hedrick..	H. F. Young	6	Parsens Col. 3....	.....	.....
	Erma L. Krout.....	8	Penn Col.....	I. S. N. S.....	.....
	Bartha Ford, ce.....	5	.....	.....	.....
	Nellie Henry.....	2	.....	.....	.....
H eman..	L. W. Fike.....	6	Wash. Univ. 4	S. E. Pa. St. Nor 2	.....
	Effie Longman	5	.....	I. S. N. S. 2.....	.....
Holstein...	R. A. Griffin.....	.....	Drake 6.....	.....	.....
	Ethel M. Thomas.....	3	Drake 4 .....	.....	.....
	Sue Snyder	2	Drake 4 .....	.....	.....
	Fred San.....	5	.....	.....	.....
Hubbard.	Geo. A. Glenny.....	7	.....	I. S. N. S. 4.....	U. of Chi. ¾.....
	Vera Lighthall.....	7	.....	I. S. N. S. 2.....	.....
Humeston.	Ines F. Kelso	6	S. U. I. 4.....	.....	.....
	Myrtle A. Dungan....	8	Parsons Col. 2....	.....	.....
Hull.....	S. I. Neveln.....	6	Des Moines Col. 1	I. S. N. S. 2 terms	Drake 1 term....
	Anna Donnelly	8	Parsons Col. 4....	.....	.....

-FOUR YEAR COURSES.

Preparation.		High School Courses.											
Degrees held.	Yr's experience in H.S.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. periods.
A. N., M. D., B. S.	7	Algebra	54	5	40	Physics	36	5	40	Electives.....	18	5	
A. B.	8	Geometry	54	5	40	English	152	5	40				40
	7	Arithmetic	54	5	40	Phys. or Book-keeping	18	5	40	One or	36	5	
A. M.	2	General Hist.	36	5	40	Botany	18	5	40	Com. Geog. and	18	5	40
		U. S. Hist.	18	5	40	Latin	36	5	40	Political Econ. ..	18	5	40
	4	Civics	18	5	40					German	72	5	40
		Physical Geog.	18	5	40	Latin	108	5	40				40
	2												
B. D., M. D., A. B.	6	Algebra	72	5	35	Physics	36	5	35				
	8	Geometry	54	5	35	English	152	5	35	Word Analysis ..	24	5	35
M. D.	7½	Arithmetic	36	5	35	Political Econ.	18	5	35	Reading	12	5	35
B. S. D., P. S. B.	6	General Hist.	36	5	35	Botany	24	5	35	Zoology	18	5	35
		U. S. Hist.	18	5	35	Bookkeeping	18	5	35	Com'l Geog.	18	5	35
		Civics	24	5	35								
		Physical Geog.	24	5	35	Latin	144	5	35				
Ph. D. B., B. S. ...	15	Algebra	54	5	35	Political Econ.	18	5	35				
	5	Geom.	54	5	35					Com. Arith.	36	5	
Ph. B.		Arithmetic	18	5	35	Latin	144	5	35	Book Keeping ..	36	5	35
A. B.		Gen. History	36	5	35	German	72	5	35	German	72	5	35
		U. S. History	18	5	35					Elective	36	5	35
		Civics	18	5	35	Didactics	36	5	35	Electives -			35
		Physical Geog.	18	5	35	Reviews	36	5	35	Arithmetic	18	5	
		Physics	36	5	35	Latin	72	5	35	U. S. History ..	18	5	35
		English	138	5	35					Physiology	18	5	35
		Physiology	18	5	35								
B. D.	6	Algebra	64	5	35	Physical Geog.	18	5	30	Latin	96	5	35
	2	Geometry	48	5	35	Physics	32	5	30				
	1	Arithmetic	32	5	40	English	104	5	40	Eng. History ..	32	5	35
	1	General Hist.	32	5	35	Physiology	18	5	40	Pol. History ..	30	5	35
		U. S. History	18	5	30	Political Econ.	12	5	30	Geology	12	5	35
		Civics	20	5	30								
A. B.	10	Algebra	40	5	35	U. S. History	30	5	25	English	92	4	35
		Geometry	36	5	25	Civics	36	5	25	Physiology	18	5	25
		Arithmetic	72	5	25	Physical Geog.	24	5	25	Political Econ.	18	5	25
		Gen. History	36	5	25	Physics	20	5	25	Latin	34	5	25
B. S. D., L. L. B.	7	Algebra	54	5	30	English	144	5	30	Botany	18	5	30
B. S. D.	8	Geometry	54	5	30	Political Econ.	18	5	30	Reviews	36	5	30
M. D.	1	Arithmetic	18	5	40	Zoology	18	5	30				
		Gen. History	36	5	40	Book-Keeping	18	5	30	German	144	5	30
		U. S. History	14	5	40	Latin	108	5	30	Reviews	36	5	30
		Civics	18	5	40	Physical Geog.	18	5	30				
		Physics	36	5	40								
B. D., M. D.	4	Algebra	54	5	35	Civics	18	5	35	Political Econ.	12	5	35
B. D.	2	Geometry	54	5	40	Physical Geog.	18	5	35	Botany	24	5	35
		Arithmetic	18	5	35	Physics	36	5	35	Book-keeping ..	12	5	30
		Gen. History	36	5	35	English Lit.	136	5	40	Trig. Plane	18	5	40
		U. S. History	24	5	45	Physiology	18	5	25	Latin	108	5	40
Ph. B.	9	Algebra	54	5	35	U. S. History	18	5	35	English	144	5	35
	1	Geometry	54	5	35	Civics	18	5	35	Political Econ.	18	5	35
		Arithmetic	34	5	35	Physical Geog.	18	5	35				
		Gen. History	36	5	35	Physics	36	5	35				
	7	Algebra	54	5	40	U. S. History	18	5	30	English	104	5	30
A. B.		Geometry	36	5	40	Civics	18	5	30	Physiology	18	5	40
		Arithmetic	36	5	40	Physical Geog.	18	5	30	Political Econ.	18	5	40
		Gen. History	36	5	40	Physics	24	5	30	Botany	18	5	30

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Humboldt.	O. S. Cory	4	S. U. I. 3	I. S. N. S. 3 ..	North Ind. Nor.,
	Edona L. Fesenbeck. . .	6	Des Moines Col. 1	I. S. N. S. 2	Drake 1 term. . .
	Abigail H. Heston	8	Parsons Col. 4	I. S. N. S. 3 1/2 ..	.....
	E. Beth Achenbach.	7	S. U. I. 3	I. S. N. S. 4 .....	.....
	Mrs. Sally Coyle	8	S. U. I. 5 .....	.....	.....
Ida Grove	L. A. Ink	6	Mulenbry Col. 4. ....	.....	East Stroudsburg 1.
	N. A. Burk	6	.....	Cent. Mich. 4. ....	.....
	Heleen Williams	6	S. U. I. 1	I. S. N. S. 2 .....	.....
	Bertha Riedessal	6	Rockford Col. 2. ....	.....	Rockford Prep. Col. 1.
	.....	.....	N of Wis. 2 .....	.....	.....
Independence.	Minnie Willits	6	.....	I. S. N. S. 2 .....	.....
	R. S. Whitley	1	Iowa Col. 4 1/2 .....	.....	Iowa Col Acad. 1
	Bertha Day, Music & Draw	.....	.....	.....	Drake 1 Ch. Nor. 1
	Maria Seward	6	Wellesley 4. ....	.....	.....

Indianaola.	Clara M. Travis .....	.....	.....	I. S. N. S. 3	Drake-Sum. Sch.
	Cora B Beach	6	Upper Iowa Uni. 4	.....	Uni. Ex. 1 course.
	May Williams	4	U. of Mich. 1. ....	.....	.....
	Mrs J. L. Buschelo	6	.....	I. S. N. S. Summer	.....
	Sarah MacDonald	6	.....	I. S. N. S. 2	Lenox Col. 1 ter.
Ionia.	Emma Funk	6	.....	I. S. N. S. 4 .....	.....
	Zella Jewell	6	.....	.....	.....

Iowa City.	O. E. Smith	2	Simpson 4 .....	.....	.....
	S. A. Krell	3	Simpson 4. ....	.....	.....
	Winifred Morris	3	S. U. I. 1.	I. S. N. S. 1 1/2 ..	.....
	E. O. Jones	6	Simpson 2 .....	.....	.....
	Anna B. Perry	7	Simpson 4 .....	.....	.....
Ionia.	Alma Robbins	6	Simpson 4 .....	.....	.....
	Altha Haviland	7	Uni. of Ill. 3. ....	.....	.....

Ionia.	Lewis Currell .....	.....	Cornell Col. 1.	I. S. N. S. 3 .....	.....
	Mabel Nash .....	.....	.....	I. S. N. S. 2 .....	.....
	Corra Kruger .....	.....	.....	I. S. N. S. 1. ....	.....
	— Gorman .....	.....	.....	I. S. N. S.	Clinton Inst.

Iowa City.	S. K. Stevenson	1	S. U. I. 4 .....	.....	.....
	E. R. Collins	2	S. U. I. 3 .....	.....	So. Ia. Nor. Sch. 1
	Clementine Otto	6	S. U. I. 4	I. S. N. S. 1 .....	.....
	Harriet Clearman	6	S. U. I. 7 .....	.....	U. of Chicago 1.
	Antonia J. Stober	6	S. U. I. 4 .....	.....	.....
Iowa City.	Mabel Foster	6	S. U. I. 4 .....	.....	.....
	Grace O'Hair	5	U. of Minn. 4. ....	.....	.....
	F. H. Randall	6	S. U. I. 4 .....	.....	.....
	A. D. Whedon	6	S. U. I. 3 .....	.....	.....
	J. A. Meade	8	S. U. I. 1 Ia. Col. 3	.....	Ia. State Col. 1.
Iowa City.	I. F. Meade	5	Iowa Col. 4. ....	.....	S. U. I. 3.
	Mary Lytle	4	S. U. I. 4 .....	.....	.....
	E. W. B. Mark	6	S. U. I. 3	I. S. N. S. 2 1/2 ..	Can. Wes. Col. 1
	Albert F. Stepert .....	.....	S. U. I. 1. ....	.....	Bradley Polytech- nic.

OUR YEAR COURSES.

Degree held.	Years experience in H.S.	High School Courses.											
		Branches studied	Number weeks.	Rec. per week.	Rec. period.	Branches studied	Number weeks.	Rec. per week.	Rec. period.	Branches studied	Number weeks.	Rec. per week.	Rec. period.
M. D.	6	Algebra	54	5	30					Roman Hist...	18	5	35
M. D.	1	Geometry	36	5	35	Latin	144	5	30	Book-keeping .	18	5	35
M. D.	4	Arithmetic.....	18	5	30	Elective	18	5	35	Botany	18	5	35
		Gen. History ..	36	5	35					German	72	5	35
		U. S. History ..	18	5	35	German	72	5	35	Eng. Hist.....	18	5	35
		Civics	18	5	35	Electives	90	5	32	Geom. Solid....	18	5	35
		Physical Geog..	18	5	35					Economics ...	18	5	35
		Physics.....	36	5	35	Electives	162	5	36	Chemistry.....	36	5	35
		English	144	5	35	Electives—							
		Physiology ..	18	5	35	Com Arith....	18	5	35				
		Orthography ..	18	5	35	Com. Geog....	18	5	35				
	2	Algebra	72	5	35	English	144	5	35	Electives—			
		Geometry	54	5	35	Political Econ.	18	5	35	Manual Training	144	5	35
	2	Arithmetic.....	18	5	35					Drawing	144	5	35
		Gen. History ..	36	5	35	Latin	144	5	35	Eng. Hist.....	18	5	35
		U. S. History ..	18	5	35					Modern Hist ..	36	5	35
	1	Civics	18	5	35	German	72	5	35	Botany	18	5	35
		Physical Geog..	18	5	35	Elective	72	5	35	Book-keeping..	18	5	35
B.		Physics.....	36	5	35								
	12	Algebra	36	5	40	Geometry....	54	5	40	Botany	18	5	40
		Arithmetic.....	18	5	40	Algebra	36	5	40	Astronomy ...	18	5	40
	3	U. S. History ..	18	5	40	Gen. History .	36	5	40	Com Law	18	5	40
	11	Civics	1	5	40	Eng. History ..	18	5	40	Zoology	18	5	40
	8	Physical Geog..	18	5	40	Physics or Eng L	36	5	40	Eng. Lit.....	36	5	40
	14	English	144	5	40					Physics	36	5	40
		Physiology ..	18	5	40	Algebra	36	5	40	Gen. History..	36	5	40
		Political Econ	18	5	40	Geometry.....	54	5	40	Eng. History..	18	5	40
						Bus. Forma...	18	5	40				
		Latin	144	5	40	Book keeping .	18	5	40	Business Course	36	5	40
	20	Algebra	54	5	40	Latin	144	5	40	German	72	5	40
	2	Geometry	54	5	40	English History	18	5	40				
B. M. D.	2	Arithmetic.....	18	5	40	Zoology	18	5	40				
	1	General Hist ..	36	5	40	Botany	18	5	40				
B.		U. S. History ..	18	5	40								
B.		Physics	36	5	40	Civics	18	5	40				
	1	English Lit ..	144	5	40	Physiology	18	5	40				
						Physical Geog..	36	5	40				
	1	Algebra	54	5	25	Civics	36	5	25	Political Econ	36	5	25
	1	Geometry	36	5	25	Physical Geog .	36	5	25	Botany	18	5	25
	4	Arithmetic.....	36	5	25	Physics	36	5	25	Latin	72	5	25
	5	General Hist ..	36	5	25	English	162	5	25				
		U. S. History ..	54	5	25	Physiology	48	5	25				
	4	Algebra	57	5	40	Physiology	19	5	40	Botany.....	18	5	50
M. A.	6	Geometry	57	5	40	Political Econ.	18	5	40	German	72	5	40
	2	Arithmetic.....	19	5	40					Book-keeping.	36	5	40
B.	6	General Hist ..	36	5	40	Latin	162	5	40	Chemistry or..	36	5	40
B.	2	U. S. History ..	19	5	40	Hist., Ancient	36	5	40	Civics and..	19	5	40
B.	4	Civics	19	5	40	Chemistry	36	5	40	Economics ...	19	5	40
	4	Physical Geog	19	5	40					Electives			
	4	Physics.....	54	5	40	Hist., Ancient .	36	5	40	Man Train.	72	5	40
	5	English	162	5	40	Zoology	19	5	40	Draw-free hand	36	5	40
M. D.	4												
				</									

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Iowa Falls	H. E. Blackmar	1	S. U. I. 2	I. S. N. S. 3 .....	.....
	Imo Moler	5	S. U. I. 4 .....	.....	.....
	Don Campbell	5	.....	I. S. N. S. 4 .....	.....
	Elizabeth Carroll	3	S. U. I. 4 .....	.....	.....
	Olara D. Brown	5	.....	.....	Extensive work with tutors.
	Alice Clark	6	.....	.....	Work with tutor 5 Sum. terms at S. U. I. and 6 colleges
Jefferson..	F. E. Palmer	2	Iowa Col. 4 .....	.....	.....
	Nellie Dority	5	.....	I. S. N. S. 4 .....	.....
	Mayme Remick	6	Cornell Col. 4 .....	.....	.....
	Flora Parsons	6	Iowa Col. 4 .....	.....	.....
	David B. Mollravy	5	.....	I. S. N. S. 4 .....	.....
Jewell	A. R. Gardiner	6	.....	.....	High. Pk. Col. 1. Drake sum. 100. S. U. I. sum. 200..
	Lena M. Mo'ing	9	Univ. of Mo. 1 S. U. I. 8..	.....	.....
Kanawha ..	George H. Mount .....	.....	Parsons Col. 5	I. S. N. S. 1 .....	.....
	Carl W. Maynard .....	.....	Morningside Col. 4 .....	.....	.....
Kellog	T. M. Phillips	7	.....	I. S. N. S. 2 terms	Newton Nor. C. 1
	Jay Gaines	1	Bur. Bapt. Col. 2 .....	.....	I. W. U. 2 terms..
Keokuk ...	William Aldrich	4	.....	.....	.....
	Jesse Benjamin	4	.....	S. N. Albany N. Y. 2 .....	.....
	Elizabeth Ballard	4	Wellesley Col. 4 U. of Chi. ¼ .....	.....	Private work in Ger. in Germ. 1½ S. U. I. ½
	O. A. Arthur Utt	4	Cornell Col. 4 .....	.....	U. of Chi. ¼ U. of Mich. ¼
	Florence Backus	6	Oberlin Col. 4 .....	.....	.....
	Lucia G. Pittman	4	U. of Chicago 2 .....	.....	.....
	S. Marion Becker	5	Rockford Col. 2	I. S. N. S. 1½	Chi. Nor. ½
	Bertha R. Craig	6	Newnham Col. ½ Cambridge Eng. .....	.....	Stor. Sch. Lang. 1
	Alta Ritter	6	J. of Ind. 4 .....	.....	U. of Chi. 1
	Harriet Solomon	6	.....	.....	.....
	Jessie Wilson	5	.....	.....	.....
	Marie Kiedaisch	3	U. of Chicago 4 .....	.....	.....

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high-school grade.
Manilla...	J. C. Rihoter.....	5	Palmer Col. 6.		
	Fannie Potter.....	5	Union Ch. Col. 1.	I. S. N. S. 1.....	
	Mayme Hurd.....	5	Upper Ia. Univ. 5.		
Manning..			Upper Ia. Univ. 7.		
	O. J. Johnson.....	8			Valparaiso 6.....
	Mattie W. Morrison.....	6	Tabor 4.....		Tabor Academy
	Raymond B. Leland.....	7		I. S. N. S. 5.....	
Mapleton.	Henry Sievers.....	7	Rendsberg(Ger.)2		
	G. L. Weaver.....	8			Valparaiso 3.....
	Mary E. Rice.....	6	Iowa Col. 4.		U. of Chi. 1.....
Maquo-keta. ...	Cosette Leathers.....	6	S. U. I. 2.....		
	Mildred Clark.....	6			Lake Erie Col. 2
	Eva M. Byerly.....	6	U. of Mich. 8.....	I. S. N. S. 2.....	Oberlin Col. 2..
	Ethel M. Wilson.....	6	Oberlin Col. 4.....		
Marathon.	Grace M. Behr.....	6	Oberlin Col. 4.....	Kan. State Nor. 1	U. of Chi. 1.....
	E. J. Feuling.....	4		I. S. N. S. 3.....	U. of Chi. 1 term.
	Kate L. Morse.....	8		I. S. N. S. 2.....	
	Lura Hawk.....	4		I. S. N. S. 2.....	
Marcus....					
	R. A. Fenton.....			I. S. N. S. 2.....	
	Mabel Payton.....			I. S. N. S. 2.....	
Marengo.	Hellen Wittick.....				Detroit School of Music
	C. H. Carson.....	2	Oberlin Col. 4....		
	Mary D. Hall.....	6	Drake 4.....		
	Cornelia Hermann.....	6	S. U. I. 8 1-6.....		
	Elizabeth Willard.....	5	Oberlin Col. 4....		
Marion....	E. A. Stephenson.....	2	Oberlin Col. 4....		
	Evangelina Jenkins.....	6	Western Reserve Woman's Col. 2..		Carlton Col. 2....
	Lulu B. Secrist.....	6	Coe Col. 4.....		
	Anna Singer.....	5		I. S. N. S. 4.....	
	Gilbert D. Deere.....	5	Franklin Col. 4 (Ind.).....		U. of Chicago 1/2
	L. R. Marshall.....	8	Oxford Col. 1 (O.)		Lenox Col. 10.
	Alice E. Duffy.....	4	U. of Chicago 1...		of Chicago 1/2.....
					Berkeley Univ. 1/2
					H. P. Nor. 1/2....

R YEAR COURSES.

Degree held.	Yrs experience in H.S.	High School Courses.								
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.
.....	3	Algebra.....	54	5	40	English.....	144	5	40	
.....	1	Geometry.....	54	5	40	Botany.....	18	5	40	Iowa H. & C..
.....		Arithmetic.....	36	5	40	Latin.....	72	5	40	Physical Geog..
.....		U. S. History..	18	5	40					Physiology.....
.....		Civics of U. S..	18	5	40	Latin.....	72	5	40	Political Econ..
.....		Physica.....	36	5	40					
.....		Eng. Grammar	18	5	40	German.....	72	5	40	
.....										
.....	5	Algebra.....	72	5	32	Civics.....	18	5	30	Political Econ..
.....		Geometry.....	36	5	35	Physical Geog..	18	5	30	Botany.....
.....		Arithmetic.....	36	5	35	Physica.....	36	5	35	Latin.....
.....		General Hist..	36	5	30	English.....	90	5	30	Reviews.....
.....		U. S. History..	36	5	30	Physiology.....	18	5	30	
.....										
.....		Algebra.....	54	5	40	Civics.....	18	5	40	Political Econ..
.....		Geometry.....	36	5	40	Physical Geog..	36	5	40	Botany.....
M. D.	5	Arithmetic.....	18	5	40	Physica.....	36	5	40	Book-keeping..
.....	5	Gen. History..	36	5	40	English.....	144	5	40	Zoology.....
.....		U. S. History..	18	5	40	Physiology.....	18	5	40	Latin.....
M. D.	8	Algebra.....	54	5	45	Civics.....	36	5	45	Botany.....
.....	8	Geometry.....	54	5	45	Physical Geog..	18	5	45	Word Analysis.
.....	1	Arithmetic.....	18	5	45	Physica.....	36	5	45	Latin.....
.....		Gen. History..	36	5	45	English.....	126	5	45	
.....		U. S. History..	18	5	45	Physiology.....	18	5	45	
.....										
.....	12	Algebra.....	36	5	40	10. Botany.....	36	5	40	or 5, 7, 10, 11,
.....	5	Geometry.....	18	5	40	11. Algebra.....	18	5	40	12 and 14.
.....	5	Arithmetic.....	18	5	40	12. Chemistry..	36	5	40	III. 2, 3; 6; 8; 9
.....		American Hist.	36	5	4	13. Economics	18	5	4	IV. 3; 7 or 10 or
.....		Civics.....	18	5	40	14. Com. Law	18	5	40	15 or 16.
.....	4	Physica.....	36	5	40	15. Book-keep'g	36	5	40	VI. 6; 8; 9; 10;
B. A.	4	English.....	144	5	40	16. Com. Arith	36	5	40	11, 5, 12 and 14
.....	2	Roman History	18	5	40	17. Man. Train	72	5	40	or 3; 7 or 15, 12,
.....	5	Add. subjects.				18. Com. Geog	18	5	40	VII. 10; 17; 18
.....		1. Latin.....	144	5	40	19. Mental. Ar.	18	5	40	or 8 and 9, 5 or
.....		2. Latin.....	72	5	40	20. Bus. Cor.	18	5	40	20; 19; 21; 14; 13
.....		3. German.....	72	5	40	21. Typewriting	36	5	40	VIII. 6; 8, 9, 10
.....		4. Geometry..	36	5	40	Courses. Addi-				and 3 or 1; 19
.....		5. Geom.—S..	18	5	40	tional subjects				IX. 6; 16; 7 or 8
.....		6. Hist—Greek	18	5	40	indicated by				and 5; 15; 14,
.....		7. Hist—Eng.	36	5	40	number.				13; 15; 20; 21.
.....		8. Phys. Geog.	18	5	40	I. 1; 4; 6; 8; 9.				
.....		9. Physiology.	18	5	40	II. 5; 8; 9; 12; 1				
.....										
.....	7	Algebra.....	54	5	45	Physica.....	36	5	45	Book-keeping...
.....	8	Geometry.....	54	5	45	English.....	144	5	45	Botany.....
.....	8	Arithmetic.....	18	5	45	Physiology.....	18	5	45	Zoology.....
.....		Gen. History..	28	5	45	Political Econ..	18	5	45	Geology.....
.....		U. S. History..	18	5	45					Etymology.....
.....		Civics.....	18	5	45	Latin.....	144	5	45	
.....		Physical Geog.	18	5	45					
.....										
.....	5	Algebra.....	54	5	45	English.....	144	5	30	Political Econ..
.....		Geometry.....	54	5	30	Physiology.....	30	5	30	Book-keeping..
.....		Arithmetic.....	36	5	37	Orthography.....	36	5	30	Mental Arith..
.....		Gen. History..	36	5	30					Com. Law.....
.....		U. S. History..	36	5	30	Latin.....	120	5	30	Higher Arith...
.....		Civics.....	36	5	30	Physiography...	36	5	30	Review.....
.....		Physica.....	36	5	35	Botany.....	12	5	30	

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Lewis.....	Richard A. Smith.....	8	Cornell Col. 4.....	.....	.....
	Edna Wells.....	8	.....	I. S. N. S. ....	.....
Lime..... Springs.	F. A. Welch.....	6	Univ. of Wis. 1½ Mx. Col. Ill. 4. ..	.....	.....
	France O. Earhart .....	.....	.....	.....	Lenox Col Ia. 4..
Lisbon	Payson W. Peterson.....	6	Beloit Col. 4 ...	.....	.....
	Eshelda Burge.....	7	Cornell Col. 4.....	.....	.....
	Laura Adams	6	Cornell Col. 4....	.....	.....
Little..... Sioux ...	E. D. Leonard.....	11	Drake 1.....	.....	Calhoun Co. Nor. School
	Lulu Reeves.....	5	.....	.....	Woodbine Nor. 1.
Livermore	J. A. Eckenrod.....	6	H. Pk. Col 1 ...	I. S. N. S. 1.....	N. Springs Sem. 2
	Emma Arent.....	7	.....	I. S. N. S. 4. ....	.....
	Mrs. C. Hunt	8	.....	I. S. N. S. 3.....	.....
Lorimor ..	J. F. Groves	5	Ewing Bap. Col. 7	Ill. St. Nor. 1....	.....
	Mrs. L. B. Cain.....	7	.....	.....	Normal Sch. 2...
Lyons.....	J. R. Bowman.....	1	Iowa Col. 3 .....	.....	.....
	T. H. Ziegler.....	3	Iowa Col. 4 .....	.....	.....
	Katheryn M. Taylor.....	5	S. U. I. 5 .....	.....	.....
	Elizabeth N. Blanding	6	John B. Stetson U.	.....	Univ. of Chi.....
	Edith L. Long.....	5	N. W. Univ. 4....	.....	.....
	R. E. Scott.....	6	Univ. of Chi. 1½.	I. S. N. S. 2.....	.....
	H. D. Rosenberg	9	Addison Col 5....	.....	.....
Malcolm ..	C. E. Shutt.....	8	Kan. State Univ. 3	Kan. State Nor. 1	.....
	Fan Farmer Lilly	8	S. U. I. 4. ....	.....	C'y Nor. Sch. 1.. Burlington
Malvern ..	Owen P. Stewart.....	8	Neb. Wesleyan 3.	.....	Neb. Wesleyan 6
	Mae Miller.....	.....	.....	I. S. N. S.	Western Normal
	Bertha Williams.. ..	.....	Simpson Col.....	Nor. Ill. St. Nor.	.....
Manches- ter.	Amv Boogs.....	2	Cornell Col. 4 ....	.....	Univ. of Chi.....
	E. Ethel Cooper.....	5	Albion. Col. Mich 3	.....	.....
	Maude Graham	5	Cornell Col. 4.....	.....	.....
	Elizabeth Williston.....	5	Oberlin Col. 4 ....	.....	.....
	Lucy Abel.....	.....	Univ. of Kan. 4...	.....	.....

FOUR YEAR COURSES.

Degrees held.		Yr's experience in H. S.	High School Courses.											
			Branches studied.			Number weeks.	Rec. per week.	Rec. period.	Branches studied.			Number weeks.	Rec. per week.	Rec. period.
3.....			Algebra.....	72	5	35	Civics.....	36	5	35	Political Econ.	18	5	35
1.....		9	Geometry.....	36	5	35	Physical Geog..	36	5	35	Botany.....	18	5	35
			Arithmetic.....	14	5	35	Physics.....	36	5	35	Astronomy....	18	5	35
			Gen. History....	36	5	35	English.....	124	5	35	Latin.....	72	5	35
			U. S. History..	18	5	35	Physiology....	18	5	35				
			Algebra.....	72	5	35	U. S. History..	18	5	35	English.....	108	5	35
			Geometry.....	72	5	35	Civics.....	20	5	35	Physiology....	12	5	35
		8	Arithmetic.....	34	5	35	Physical Geog..	24	5	35	Political Econ..	18	5	35
			General Hist..	36	5	35	Physics.....	24	5	35				
3.....		11	Algebra.....	54	5	35	Civics.....	16	5	35	Physiology....	18	5	35
3.....		9	Geometry.....	72	5	35	Physical Geog..	18	5	35	Political Econ..	18	5	35
		1	Arithmetic.....	18	5	35	Physics.....	36	37	34	Botany.....	18	5	35
			General Hist..	36	5	35	English.....	126	5	35	Latin.....	144	5	35
			U. S. History..	18	5	35								
			Algebra.....	48	5	35	Civics.....	12	5	35	Political Econ..	12	5	35
			Geometry.....	36	5	35	Physical Geog..	24	5	35	Botany.....	24	5	35
		8	Arithmetic.....	36	5	35	Physics.....	36	4	40	Music.....	144	1	35
			General Hist..	36	5	35	English.....	106			Penmanship..	36	4	15
			U. S. History..	34	5	35	Physiology....	10	5	35	Latin.....	72	5	35
1.....		7½	Algebra.....	62	5	35	Physical Geog..	30	5	35	Book-keeping..	18	5	35
1.....		2	Geometry.....	36	5	35	Physics.....	36	5	35	Word Analysis	18	5	35
1.....		1	Arithmetic.....	36	5	35	English.....	104	5	35	Didactics....	36	5	35
			General Hist..	36	5	35	Physiology....	18	5	35				
			U. S. History..	34	5	35	Political Econ..	18	5	35	Latin.....	108	5	35
			Civics.....	34	5	35	Adv Arith....	36	5	35				
			Algebra.....	36	5	35	U. S. History..	54	5	35	English.....	144	5	35
		10	Geometry.....	48	5	35	Civics of Iowa..	18	5	35	Physiology....	18	5	35
			Arithmetic.....	36	5	35	Physical Geog..	36	5	35	Political Econ..	18	5	35
			General Hist..	72	5	35	Physics.....	24	5	35				
1.....		18	Algebra.....	57	5	35	Physical Geog..	36	5	35	Botany.....	19	5	35
B.....		8	Geometry.....	36	5	35	Physics.....	36	5	35				
1.....		8	Arithmetic.....	36	5	35	English.....	152	5	35	Latin.....	152	5	35
M. S.		6	General Hist..	36	5	35	Physiology....	18	5	35	German.....	152	5	35
		1	U. S. Hist....	18	5	35	Political Econ..	18	5	35				
		5	Civics.....	18	5	35	Chemistry....	18	5	35				
		8												
		7	Algebra.....	54	5	40	Physics.....	36	5	40				
			Geometry.....	54	5	40	English.....	152	5	40	Latin.....	72	5	40
D.....		1	Arithmetic.....	18	5	40	Physiology....	18	5	40				
			General Hist..	36	5	40	Political Econ..	18	5	40	German.....	72	5	40
			U. S. Hist....	18	5	40	Botany.....	36	5	40				
			Civics.....	18	5	40	Word Analysis	36	5	40				
			Physical Geog..	18	5	40	Latin Beginning	36	5	40				
		6	Algebra.....	54	5	45	Civics.....	18	5	45	Political Econ..	18	5	45
		18	Geometry.....	54	5	45	Physical Geog..	18	5	45	Botany.....	18	5	45
		6	Arithmetic.....	18	5	45	Physics.....	36	5	45	Latin.....	144	5	45
			General Hist..	36	5	45	English.....	108	5	45				
			Algebra.....	54	5	40	Physical Geog..	18	5	40	Com'l Arith....	18	5	40
			Geometry.....	54	5	40	Physics.....	36	5	40	Bookkeeping..	18	5	40
		8	Arithmetic.....	18	5	40	English.....	108	5	40	German.....	72	5	40
			General Hist..	36	5	40				Geology.....	18	5	40	
		½	U. S. Hist....	18	5	40	Botany.....	18	5	40	Political Econ..	18	5	40
		4	Civics.....	18	5	40								

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high-school grade.
Manilla...	J. C. Rihoter.....	5	Palmer Col. 6.	I. S. N. S. 1.....
	Fannie Potter.....	5	Union Ch. Col. 1.		
	Mayme Hurd.....	5	Upper Ia. Univ. 5.		
		5	Upper Ia. Univ. 7.		
Manning.	C. J. Johnson.....	8	I. S. N. S. 5.....	Valparaiso 6..... Tabor Academy 1
	Mattie W. Morrison.....	6	Tabor 4.....		
	Raymond B. Leland.....	7	.....	
	Henry Sievers.....	7	Rendsberg (Ger.) 2		
Mapleton.	G. L. Weaver.....	8	Valparaiso 3..... U. of Chi. 1.....
	Mary E. Rice.....	6	Iowa Col. 4.		
	Cosette Leathers.....	6	S. U. I. 2.....		
Maquoketa. ...	Mildred Clark.....	6	I. S. N. S. 2.....	Lake Erie Col. 2. Oberlin Col. 2..
	Eva M. Byerly.....	6	U. of Mich. 8.....		
	Ethel M. Wilson.....	6	Oberlin Col. 4.		
	Grace M. Behr.....	6	Oberlin Col. 4.....		
Marathon.	E. J. Feuling.....	4	I. S. N. S. 2.....	U. of Chi. 1 term.
	Kate L. Morse	4	.....	
	Lura Hawk.....	4	.....	
Marcus....	R. A. Fenton.....	I. S. N. S. 2.....
	Mabel Payton.....	.....	.....
	Hellen Wittick.....	.....	.....
Marengo.	C. H. Carson.....	2	Oberlin Col. 4....
	Mary D. Hall.....	6	Drake 4.....		
	Cornelia Hermann.....	6	S. U. I. 8 1-6.....		
	Elizabeth Willard.....	5	Oberlin Col. 4....		
	E. A. Stephenson.....	2	Oberlin Col. 4....		
Marion....	Evangeline Jenkins.....	6	Western Reserve Woman's Col. 2..	I. S. N. S. 4.....	Carlton Col. 2.... U. of Chicago 1/4. Lenox Col. 20. of Chicago 1/4..... Berkeley Univ. 1/4 H. P. Not. 1/4....
	Lulu B. Seorist.....	6	Ooe Col. 4.....		
	Anna Singer.....	5	.....	
	Gilbert D. Deere.....	5	Franklin Col. 4 (Ind.).....		
	L. R. Marshall.....	8	Oxford Col. 1 (O.)		
	Alice E. Duffy.....	4	U. of Chicago 1...		

FOUR YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
B. D. Ph. B.	..	Algebra	56	5	40	Civics	22	5	40	Political Econ ..	14	5	40
		Geometry	60	5	40	Physical Geog. ...	12	5	35	Book-keeping ..	20	5	35
		Arithmetic	52	5	35	Physics	20	5	35	Latin	108	5	40
		Gen. History	86	5	35	English	100	5	5				
		U. S. History	84	5	35	Physiology	12	5	35				
M. D. A. B.	2 1	Algebra	54	5	40	Civics	22	5	40	Physiology	12	5	40
		Geometry	54	5	40	Physical Geog. ...	12	5	40	Political Econ ..	18	5	40
		Arithmetic	18	5	40	Physics	30	5	40				
		Gen. History	88	5	40	English	1.0	5	40				
B. D.	..	Algebra	54	5	40	English	16	5	40	Latin	10	5	40
		Geometry	34	5	40	Physiology	12	5	40	Electives	54	5	40
		Gen. History	85	5	40	Latin	32	5	40				
		Physical Geog. ...	12	5	40	Manual Training	25	2	4	German	73	5	40
A. M., Ph. B. A. B.	7 7	Physics	25	5	40					Electives	24	5	40
		Algebra	54	5	40	Physiology	12	5	35	Arithmetic	80	5	40
		Geometry	51	5	40	Political Econ ..	18	5	35	Book-keeping ..	18	5	40
		Arithmetic	18	5	40	Botany	18	5	40	Geography	18	5	40
..	17 8 4 4 4 4 4 4 4 4 4 4	Gen. History	86	5	40	Penmanship	144	2	30	Literature	18	5	40
		U. S. History	18	5	35	Spelling and. ...				Composition	18	5	40
		Civics	18	5	35	Music	144	2	30	Rhetoric	18	5	40
		Physical Geog. ...	18	5	40					Chemistry	18	5	40
		Physics	25	5	40	Latin	144	5	40	Reviews	18	5	40
		English	144	5	40								
		Algebra	72	5	25	U. S. History	36	5	25	English	135	5	25
		Geometry	10	5	25	Civics	20	5	25	Physiology	34	5	25
		Arithmetic	72	5	25	Physical Geog. ...	30	5	25	Political Econ ..	12	5	25
		Gen. History	45	5	25	Physics	50	5	25	Latin	8	5	25
		Algebra	51	5	35	Political Econ ..	18	5	35	Electives			
		Geometry	54	5	35	Latin	144	5	35	Latin	72	5	35
Arithmetic	24	5	35					German	72	5	35		
Gen. Hist.	80	5	35	Physical Geog. ...	18	5	35	Miscellaneous ..	12	5	25		
U. S. Hist.	18	5	35	Physiology	12	5	35						
Civics	18	5	35	Eng. Hist.	18	5	35						
Physics	20	5	35	Electives	90	5	35						
English	144	5	35										
A. M., Ph. B., Ph. D.	15	Algebra	54	5	40	English	144	5	40	Eng. Hist.	12	5	40
		Geometry	54	5	40	Physiology	12	5	40	Word Analysis	12	5	40
		Arithmetic	14	5	40	Music	144	5	30	Book-keeping ..	18	5	40
		Gen. Hist.	86	5	40	Review of Com. Branches	18	5	40	Botany	12	5	40
		U. S. Hist.	18	5	40	Latin	144	5	40	Political Econ ..	18	5	40
B. D. Ph. B.	1 4	Civics	18	5	40				Geology	12	5	40	
		Physical Geog. ...	12	5	40				Chemistry	12	5	40	
		Physics	25	5	40				Astronomy	18	5	40	
		Algebra	54	5	35	Latin	144	5	35	Electives	72	5	35
Ph. B., M. D.	12	Geometry	54	5	35	Elective	25	5	35				
		Gen. Hist.	86	5	35					Electives—			
		U. S. Hist.	36	5	35	Word Analysis	12	5	35	German	80	5	35
		Physics	20	5	35	Spelling	18	5	35	Idiotics	18	5	35
B. Ph. L.	4 1½	English	144	5	35	Physical Geog. ...	12	5	35	Book-keeping ..	12	5	35
		Botany	18	5	35	Com'l Geog.	12	5	35	Arithmetic	12	5	35
		Zoology	12	5	35	Physiology	18	5	35	Political Econ ..	12	5	35
		Civics	12	5	35				Business Course	20	5	35	
B. D. B. B. A.	6 5 3	Algebra	54	5	40	Chemistry	25	5	40	Book-keeping ..	12	5	40
		Geometry	54	5	40	Latin	144	5	40	Botany	12	5	40
		Gen. Hist.	86	5	40	Elective	25	5	40	Political Econ ..	12	5	40
		U. S. Hist.	12	5	40				Astronomy	12	5	40	
		Civics	18	5	40	Physical Geog. ...	12	5	40	Elective	25	5	40
B. B. A.	3	Physics	25	5	40	Physical Geog. ...	12	5	40				
		English	144	5	40	Physiology	12	5	40				
		Algebra	54	5	40	Civics	12	5	40				
		Geometry	54	5	40								
		Gen. Hist.	86	5	40								

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Moulton...	G. W. Bryan.....	4	Oskaloosa Col. 2..		Moulton Nor. 2..
	Lula E. Bryan.....	6	Drake 4.....		
	Lillian Cunningham ..	6	Univ. of Neb. 2..		Central Univ. 1
	Edna Wilson ..			State Nor. Kirks-ville Mo. 4	U. of Chi. 1 term.
Murray...	G. E. Wright ...	6	Univ. of Ill. 3..		Danville, Ind. 1..
	Ora Crisswell.....	8	Simpson Col. 2 ..		Austin Col. 4.....
Muscatine	R. M. Arey.....	4	S. U. I. 2.	I. S. N. S. 4.....	
	Katherine Mauthe	6	S. J. I. 4.....		
	Ethel Jaynes	6	Univ. of Chi. 4..		
	Mabel V. Hoffman	6	S. U. I. 5.....		
	Eleanor Lowden	5	Iowa Col. 5. Rad-cliffe Col. 1..		Stuttgart Acad. 3
	Helen V. E. Chase.....	6	Vassar Col. 2.		U. of Chi. 2½.....
	Jessie P. Hastings.....	6	S. U. I. 3.....		
	Sadie Beardalee.....	6	N. W. Univ. 3..		
	Mary E. Whiches.....	6	Univ. of Mich. 2..		
Mystic	John C. DeMar.....	4	Drake 2.....		So. Iowa Nor, 3..
	Mary Llewelyn.....	7			
	Lillian Hughes	3	Edinburg Ladies College 5..		
McGregor.	Beniah Dimmist.....	5	U. of Chic. 2½ ..	I. S. N. S. 3.....	
	Ellen F. Roe.....	5	Carleton Col. 2 ..		U. of Minn. 1.....
	J. H. Dahm.....	6	Northfield, Minn. Col. in Belgium 4.		Cornell Col. 1 term
Nashua...	E. C. Hill	4	S. U. I. 4	I. S. N. S. 3.....	Hedrick Nor. 1..
	Mildred Hersline.....	6	S. U. I. 4.....		
	Florence Chaffee	6		A. N. Y. State Nor. 3	
	Kate A. Miller.....	5	Iowa Col. 4.....		
Neola	M. R. Hassel			I. S. N. S. 2	
	Carrie S. Taylor.....		Drake 2 Wis. State U. 2.....		
	Lillie M. Walters.....		S. U. I. 2. N. W. Univ. 2.. ..		
New Hampton.	C. L. Woodfield.....	2	De Paw Univ. 5		U. of Chicago ½ ..
	Marthine Gabrielsen.....	6	Perdue Univ. 1 ..		Decorah Acad. 1..
	Helen Chambers	6	U. of Wis. ½.....	I. S. N. S. 1½.....	U. of Chicago 1..
	Helen Hitchcock.....	6	Cornell Col. 4 ..		Or. Valley S. 4..
	Mary White.....	6	U. of Chicago 4..	I. S. N. S. ½.....	
		6	Drake 1 Simpson Col. 4.....		
New Sharon..	P. M. Hersom	4			H. Pk. Col. 3.....
	Bess Bosquet.....	6	Iowa Col. 8.....		Central Uni. 4.....
	Mrs. Allie Sheesley.....	4			

EAR COURSES.

[illegible]

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Mitchellville..	Ernest Coad.....	8	Burlington Col. 4		Highland Park U. of Chi. 1 1/2 ..
	Nell Rae.....	8	Drake 4.	I. S. N. S. 1	
Monona...	R. H. Sylvester.....	6		I. S. N. S. 3	
	M. Winifred Schmid.....	7	Upper Ia. U. 4....		
	Florence Butler (Has classes in gram. room also)...	2		I. S. N. S. 2	
Montezuma..	O. E. Douglass, Supt.....	4	Central U. of Ia. 4		U. of Chi. 2.
	M. O. Roark, Prin.....	7	Indiana Uni. 2....		Gen. Nor. Col. 4 Danville, Ind..
	Ida J. McKee.....	8		I. S. N. S. 1	U. of Wis 5
	Mary Raymond	8	Iowa Col. 4.....		
Monticello	John E. Foster.....				
	Mary I. Jarman.....	6		I. S. N. S. 1.	
	Nancy G. Carroll.....	6	S. U. I. 4		S. U. I. 1/2
	Mildred I. Bates	6		I. S. N. S. 2....	
Mentour ..	Julius H. Rhode	12	Cornell Col. 1.	I. S. N. S., sum. T.	
	Mrs. L. Mae Banks		Ia. State Col. 4....		
Morning-Sun.					
	O. T. Hill Supt.....	5	Haverford Col. 4..		
	Katharine Paine.....	6	S. U. I. 4		
	Nora A. Cosette (Music)...	4	Monmouth Col. 3.		
Mt. Ayr...	Elizabeth Roe.....	6	Ill. Wesleyan U. 3		
	Ad m. Pickett.....	5	Ill. Wesleyan 4... Simpson Col. 1.		Highland Park 1 1/2 Greer Col. 1/4
Mt. Pleasant.	Lulu Mills.....	7	S. U. I. 4	I. S. N. S. 3/4	
	Eva Stahl	7	Simpson Col. 4		
	Fa. Remick	1	Simpson Col. 1		
			Drake 1		
Mt. Pleasant.	B. Francis.....	3	S. U. I.	I. S. N. S.	
	Lida A. Pittman.....	4	I. W. U. 2 1/2		
	Allena Mitzenberg.....	6	O. S. U.		
	Mrs. Frank T. Stevens	4	Lawrence Univ... Appleton Wis		Cook Co. Nor. Chl. Battle Creek Col. Michigan.....
	Harry Weber.....	6	S. U. I.		
Mt. Vernon.	L. T. Newton	5	Ohio Wes. Univ. 4	Albany N. Y. St. Nor. Col 1	
	M. Lillian Smedley.....	6	Cornell Col 4		
	Jeannette Sniffen.....	6	Cornell Col. 4		

FOUR YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.													
		Branches studied.	Number weeks	Wks per week	Rec. period.	Branches studied.	Number weeks	Wks per week	Rec. period.						
M. B.	1	Algebra	56	5	40	Civics	22	5	40	Political Econ	14	5	40		
		Geometry	56	5	40	Physical Geog. .	12	5	35	Book-keeping. .	30	5	35		
		Arithmetic	52	5	35	Physics	21	5	35	Latin	106	5	40		
		Gen. History	36	5	35	English	10	5	5						
		U. S. History ..	24	5	35	Physiology	17	5	35						
M. B.	2	Algebra	54	5	40	Civics	22	5	40	Physiology	17	5	40		
		Geometry	54	5	40	Physical Geog. .	12	5	40	Political Econ	18	5	40		
		Arithmetic	18	5	40	Physics	36	7	40						
		Gen. History	36	5	40	English	1.5	5	0						
M. Ph. B.	7	Algebra	54	5	40	English	18	5	40	Latin	10	5	40		
		Geometry	34	5	40	Physiology	17	5	40	Electives.	54	5	40		
		Gen. History	36	5	40	Latin	22	5	40						
		Physical Geog. .	18	5	40	Manual Training	20	7	40	German	72	5	40		
B.	12	Physics	36	5	40				Electives	24	5	40			
S. Ph. A. B.	17	Algebra	54	5	40	Physiology	18	5	35	Arithmetic. . .	36	5	40		
		Geometry	54	5	40	Political Econ. .	18	5	35	Book-keeping. .	18	5	40		
		Arithmetic	18	5	40	Botany.	18	5	40	Geography.	18	5	40		
		Gen. History	36	5	40	Citizenship	144	2	30	Literature.	18	5	40		
		U. S. History ..	18	5	35	Spelling and. .				Composition. . .	18	5	40		
		Civics	18	5	35	Music	144	2	30	Rhetoric.	18	5	40		
		Physical Geog. .	18	5	40				Chemistry	18	5	40			
		Physics	36	5	40	Latin	144	5	60	Reviews.	18	5	40		
		English	144	5	60										
		S.	5	Algebra	72	5	25	U. S. History. . .	36	5	25	English.	138	5	25
				Geometry	36	5	25	Civics	36	5	25	Physiology. . .	3	5	25
Arithmetic. . .	72			5	25	Physical Geog. .	70	5	25	Political Econ. .	12	5	25		
Gen. History ..	48			5	25	Physics	36	5	25	Latin	3	5	25		
S. Ph. A. B.	20	Algebra	54	5	35	Political Econ. .	18	5	35	Electives.					
		Geometry	54	5	35	Latin	144	5	35	Latin	72	5	35		
		Arithmetic. . .	24	5	35				German.	72	5	35			
		Gen. Hist.	36	5	35	Physical Geog. .	18	5	35	Miscellaneous. .	12	5	25		
		U. S. Hist.	18	5	35	Physiology	17	5	35						
		Civics	18	5	35	Eng. Hist.	18	5	35						
		Physics	36	5	35	Electives	20	5	35						
		English	144	5	35										
S. Ph. B., Ph.D.	15	Algebra	54	5	40	English	144	5	40	Eng. Hist.	17	5	40		
		Geometry	54	5	40	Physiology. . .	18	5	40	Word Analysis	18	5	40		
		Arithmetic	18	5	40	Music	144	5	30	Bookkeeping. .	18	5	40		
		Gen. Hist.	36	5	40	Review of Com. Branches	18	5	40	Botany.	17	5	40		
		U. S. Hist.	18	5	40				Political Econ. .	18	5	40			
		Civics	18	5	40	Latin.	144	5	40	Geology.	17	5	40		
		Physical Geog. .	18	5	40				Chemistry	17	5	40			
B. M. D.	12	Physics	36	5	40				Astronomy	18	5	40			
Ph.	10	Algebra	54	5	35	Latin	144	5	35	Electives. . . .	72	5	35		
		Geometry	54	5	35	Elective	36	5	35						
		Gen. Hist.	36	5	35				Electives—						
		U. S. Hist.	36	5	35	Word Analysis. .	18	5	35	German	36	5	35		
L.	1	Physics	36	5	35	Spelling	18	5	35	Idiotics	18	5	35		
		English	144	5	35	Physical Geog. .	18	5	35	Bookkeeping. .	18	5	35		
		Botany	18	5	35	Com'l Geog.	17	5	35	Arithmetic.	17	5	35		
		Zoology	18	5	35	Physiology	16	5	35	Political Econ. .	18	5	35		
B.	5				Civics	16	5	35	Business Course	36	5	35			
B.	5	Algebra	54	5	40	Chemistry	36	5	40	Bookkeeping. .	17	5	40		
		Geometry	54	5	40				Botany	17	5	40			
		Gen. Hist.	36	5	40	Latin	144	5	40	Political Econ. .	17	5	40		
		U. S. Hist.	18	5	40	Elective	36	5	40	Astronomy.	17	5	40		
A.	5	Civics	18	5	40				Elective	36	5	40			
		Physics	36	5	40	Physical Geog. .	18	5	40						
		English	144	5	40	Physiology	18	5	40						

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Moulton...	G. W. Bryan.....	4	Oskaloosa Col. 2..	.....	Moulton Nor. 2..
	Lula E. Bryan.....	6	Drake 4.....	.....	.....
	Lillian Cunningham ..	6	Univ. of Neb. 2..	.....	Central Univ. 1
	Edna Wilson .....		.....	State Nor. Kirks- ville Mo. 4	U. of Chi. 1 term.
Murray....	G. E. Wright ...	6	Univ. of Ill. 3..	.....	Danville, Ind. 1..
	Ora Crisswell.....	8	Simpson Col. 2 ..	.....	Austin Col. 4.....
Muscatine	R. M. Arey.....	4	S. U. I. 2.	I. S. N. S. 4.....	.....
	Katherine Mauthe	6	S. J. I. 4.....	.....	.....
	Ethel Jaynes	6	Univ. of Chi. 4. ..	.....	.....
	Mabel V. Hoffman.....	6	U. I. 5.....	.....	.....
	Eleanor Lowden	5	Iowa Col 5. Rad- cliffe Col. 1..	.....	Stuttgart Acad. 8
	Helen V. E. Chase.....	6	Vassar Col. 2. ...	.....	U. of Chi. 2½.....
	Jessie P. Hastings.....	6	S. U. I. 3.....	.....	.....
	Sadie Beardslee.	6	N. W. Univ. 3. ....	.....	.....
	Mary E. Whiches.....	6	Univ. of Mich. 2..	.....	.....
Mystic	John C. DeMar.....	4	Drake 2.....	.....	So. Iowa Nor, 3..
	Mary Llewelyn.	7	.....	.....	.....
	Lillian Hughes	3	Edinburg Ladies College 6..	.....	.....
McGregor.	Beniah Dimmitt.....	5	U. of Chic. 2½ ..	I. S. N. S. 3.....	.....
	Ellen F. Roe.....	5	Carleton Col. 4	.....	U. of Minn. 1.....
	J. H. Dahm.	6	Northfield, Minn. Col. in Belgium 4.	.....	Cornell Col. 1 term
Nashua ...	E. C. Hill	4	S. U. I. 4	I. S. N. S. 3.....	Hedrick Nor. 1...
	Mildred Hersline.....	6	S. U. I. 4.....	.....	.....
	Florence Chaffee	6	.....	A. N. Y. State Nor. 8	.....
	Kate A. Miller.....	5	Iowa Col. 4.....	.....	.....
Neola	M. R. Hassel .....		.....	I. S. N. S. 2 .....	.....
	Carrie S. Taylor.....		Drake 2 Wis. State U. 2.....	.....	.....
	Lillie M. Walters.....		S. U. I. 2. N. W. Univ. 2..	.....	.....
New Hampton.	C. L. Woodfield.....	2	De Paw Univ. 5 Perdue Univ. 1	.....	J. of Chicago ½.
	Marthine Gabrielsen.....	6	U of Wis. ½.....	I. S. N. S 1½.....	Decorah Acad. 1..
	Helen Chambers	6	Cornell Col. 4 .....	.....	U. of Chicago 1...
	Helen Hitchcock.....	6	U. of Chicago 4..	I. S. N. S. ¾.....	Or. Valley 8. 4..
	Mary White.....	6	Drake 1 Simpson Col. 4.....	.....	.....
New..... Sharon..	P. M. Hersom	4	.....	.....	H. Pk. Col. 3.....
	Bess Bosquet	6	Iowa Col. 8. ....	.....	Central Uni. 4....
	Mrs. Allie Sheesley.....	4	.....	.....	.....

FOUR YEAR COURSES.

paration.		High School Courses.											
Degrees held.	Yr's experience in H.S.	Branches studied.	Number weeks.	Rec per week.	Rec. period.	Branches studied.	Number weeks.	Rec per week.	Rec period.	Branches studied.	Number weeks.	Rec per week.	Rec. period.
		Algebra	72	5	35	Physical Geog..	18	5	35				
		Geometry	72	5	35	Physics	36	5	35	Book-keeping.	36	5	35
		Arithmetic	36	5	35	English	108	5	35	Chemistry	36	5	35
		General Hist..	36	5	35	Political Econ.	18	5	35	Plant Life.....	36	5	35
		U. S. History.	12	5	35								
		Civics.....	36	5	35	Latin.....	144	5	35				
		Algebra.....	54	5	30	Civics	18	5	30	Orthography &			
		Geometry	54	5	30	Physical Geog..	36	5	30	Spelling	144		
		Arithmetic	36	5	30	Physics	36	5	30	Penmanship....	144		
		General Hist..	36	5	30	English	108	5	30	Music	144		
		U. S. History	12	5	30	Political Econ.	18	5	30				
B. Di.....		Algebra	57	5	40	Botany	36	5	40	Trigonometry or	18	5	40
		Geom -plane..	36	5	40	Physical Geog..	19	5	40	Arithmetic or.	19	5	40
		Physics.....	36	5	40	Electives.	36	5	40	Zoology.	19	5	40
A. M.....		English	108	5	40								
		Hist. of Greece	19	5	40	Chemistry.....	36	5	40	German	152	5	40
		Hist. of Rome.	19	5	40	Physiology	19	5	40	Remainder of			
		Hist. of Eng.	19	5	40	Political Econ..	19	5	40	course identical			
					Geom Solid or	19	5	40	with Lat course				
		Latin	152	5	40	Amer Hist. or..	19	5	40	Com'l Course.	208	5	40
B. Pe		Algebra	54	5	35	U. S. History..	18	5	40	English	108	5	40
		Geometry	36	5	35	Civics of U. S.	36	5	35	Physiology ...	36	5	40
		Arithmetic....	18	5	40	Physical Geog.	36	5	35	Political Econ..	18	5	40
		General Hist	36	5	35	Physics	36	5	35	Latin	36	5	40
		Algebra		5	53	Physics	36	5		Botany or, ...	10	5	40
		Geometry	36	5	14	English	36	5		Com'l Arith.	10	5	40
		Arithmetic....	19	5	20								
A. M.		Civics	18	5	30	Latin	152	5	30	German.	36	5	35
		Physical Geog..	19	5		General Hist....	36	5	30				
B. M. Di...		Algebra	54	5	40					Physical Cult.	36	5	40
B.		Geometry	36	5	40	Latin	144	5	40	Gen'l History..	36	5	40
		Physical Geog	36	5	40					German.	72	5	40
		Physics.....	36	5	40	Education ..	36	5	40	Eng. History..	18	5	40
		English	108	5	40	Music	18	5	40	Civics	18	5	40
		Physiology....	18	5	40	Com'l Arith. ..	18	5	40	Political Econ..	18	5	40
		Botany	18	5	40	Book keeping .	18	5	40	Geom. (Solid)	18	5	40
		Algebra	54	5	35	Civics	18	5	35	Botany.....	18	5	35
		Geometry	54	5	35	Physical Geog..	18	5	35				
		Arithmetic....	36	5	35	Physics	36	5	35	Latin	108	5	35
		General Hist	54	5	35	English	108	5	35				
		U. S. Hist	36	5	35	Physiology	18	5	35	German.....	108	5	35
		Algebra	54	5	40	Physical Geog ..	18	5	40				
		Geometry	54	5	40	Physics	36	5	40	Latin.....	108	5	40
		Arithmetic ..	18	5	40	English	108	5	40				
		Gen'l History.	36	5	40	Political Econ..	18	5	40	German	72	5	40
A. M.....		U. S. History.	18	5	40	Botany	18	5	40	Zoology	18	5	40
		Civics	18	5	40	Begin Latin....	36	5	40				
		Algebra.....	54	5	45	Civics.....	18	5	45	Botany.....	18	5	45
M.....		Geometry ..	36	5	45	Physical Geog ..	18	5	45	Zoology.....	18	5	45
B.....		Arithmetic..	18	5	45	English	44	5	45	Latin	144	5	45
		Gen'l Hist	36	5	45	Physiology	18	5	45				
		U. S. Hist	18	5	45	Political Econ..	18	5	45				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number rec. period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Newell....	J. E. Cuddy..... Dora Carter.....	5 7	Upper Ia. Uni. 2..	I. S. N. S. 2½...	.....
Newton...	E. J. H. Beard..... Minnie B. King..... L. Vesta Beard..... Lucy E. Hall..... Maria C. Brace.....	2 7 7 7 7	Hamilton, Col., 4 N. Y.,..... Helmoth Col. 4; Canada..... Drake 4..... Iowa College 4..	..... ..... ..... ..... .....	..... ..... ..... ..... .....
Nevada...	Anna C. Batman.. .. A. F. Probst..... Jennie J. Gustafson.. .. Nettie C. Kinnery	6 4 7 7	S. U. I. 1 term.... U. of Mich. 2.... Drake 2.....	I. S. N. S. 1 term. I. S. N. S. 2..... I. S. N. S. 1.....	Corres. Work. U. of Chicago.. M. S. N. Col. ½ Valparaiso Col. 1. B. H. Col. ½.... Cor. Course. H. P. Nor..... Ferry Hall Sem. 1 U. of U 1 term.. Corse Work in English.....
Nora Springs.	Edw. H. Balm..... Chas. E. Cove..... J. H. Underwood..... Lottie E. Temple..... S. Rosa Buchanan..... Addie Catron..... Faith Slocum..... Alberta Allen.....	4 6 7 7 6 5 7 7	Central Western, Warrenton, Mo. 4 Upper Iowa 4.... Beloit, College 1; Western Col. 1½; S. U. I. 2..... Nora Springs 2... Upper Ia. Uni. 1. Nora Springs. 2.. Iowa. Col. Con. 3 Memorial Uni. 2 Nora Springs 2..	..... ..... ..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... ..... ..... .....
North English.	Frank W. Shultis.... J. W. Pierce..... Nettie Shultis.....	5 5 2	Iowa State Col. ½	I. S. N. S. 1 I. S. N. S. ¼....	..... H. P. C. 2..... H. P. C. 1.....
North-wood....	Horton A. Dwelle.... W. H. H. Hegemann..... Margaret Scammon.....	4 6 7	Cornell Col. 2.... U. of Chi. 2..... Iowa Col. 4.....	..... ..... .....	..... ..... .....
Oak Park	H. W. Mayne..... Glenn Clark..... Mabel E. Hatton..... Ina B. Robinson.....	3 6 6 7	Uni. of Minn. 2.. Iowa Col. 4..... Drake 2..... Drake 2.....	..... ..... ..... .....	N Ind. Nor. Col. 2 Iowa Col. Acad. 1

OUR YEAR COURSES.

Education.		High School Courses											
Degree held.	Yrs experience in H.S.	Branches studied.	Number weeks.	Mon. per week.	Rec. period.	Branches studied.	Number weeks.	Mon. per week.	Rec. period.	Branches studied.	Number weeks.	Mon. per week.	Rec. period.
		Algebra.....	54	5	35	Civics.....	36	6	35	Political Econ	18	3	35
	5	Geometry.....	54	5	35	Physical Geog..	18	5	35	Botany.....	18	3	35
	1	Arithmetic.....	54	5	35	Physics.....	36	5	35	Latin.....	72	6	35
		Genl Hist.....	36	5	35	English.....	144	5	35				
		U. S. Hist.....	36	5	35	Physiology.....	18	5	35				
B.....	36	Algebra.....	54	5	35	Physiology.....	18	5	35	German.....	72	6	35
		Geometry.....	54	5	35					Reviews.....	3	5	35
B.....	21	Arithmetic.....	16	5	35	Latin.....	144	5	35				
		General Hist.....	36	5	35	Botany.....	36	5	35	Electives—			
	17	U. S. History..	18	5	35	Reviews.....	36	5	35	Physical Geog..	18	5	35
B., Ph. B.	6	Civics.....	18	5	35	Book-Keeping..	18	5	35	Political Econ..	18	5	35
B.....	3	Physics.....	36	5	35	Chemistry.....	36	5	35				
		English.....	126	5	35								
		Algebra.....	54	5	35	Physics.....	36	5	35	English.....	36	5	35
	6	Geometry.....	54	5	35	Eng. Grammar..	36	5	35	Political Econ	18	5	35
	8	Arithmetic.....	36	5	35					Botany.....	36	5	35
		Gen History..	36	5	35	Eng. Comp.....	36	5	35	Eng History	18	5	35
		Civics.....	18	5	35	Rhetoric.....	36	5	35	Latin.....	144	5	35
		Physical Geog..	36	5	35	American Lit..	36	5	35				
	5 1/2												
		Algebra.....	54	5	40	Word Study.....	18	5	40	U S History..	18	5	40
		Geometry.....	54	5	40	Electives.....	72	5	40	Physiology....	18	5	40
B.....	3	Gen History..	36	5	40					Botany.....	18	5	40
B.....	2	Civics.....	18	5	40	Com'l Geog.....	18	5	40	Eng History..	18	5	40
		Physical Geog..	18	5	40	Eng History....	18	5	40	German.....	72	5	40
		Physics.....	36	5	40	Botany.....	18	5	40	Latin.....	72	5	40
L. M. A.....		English.....	126	5	40	Electives.....	108	5	40	Book keeping..	18	5	40
	4	Political Econ..	18	5	40					Com'l Geog....	18	5	40
						Electives—							
	4	Latin.....	144	5	40	Chemistry.....	36	5	40				
		Algebra.....	54	5	40	Civics.....	18	5	40	Political Econ.	18	5	40
M.....	10	Geometry.....	54	5	40	Physical Geog..	18	5	40	Botany.....	18	5	40
	6	Arithmetic.....	36	5	40	Physics.....	36	5	40	Book keeping..	18	5	40
	2	Gen History..	36	5	40	English.....	144	5	40	Drawing.....	16	5	40
		U. S. History	36	5	40	Physiology.....	18	5	40	Latin.....	72	5	40
	14	Algebra.....	54	5	45	Physical Geog..	18	5	45	Latin.....	144	5	45
		Geometry.....	54	5	45	Physics.....	36	5	45				
	7	Gen History..	36	5	45	English.....	144	5	45	German.....	108	5	45
	5		54	5	45	Botany.....	18	5	45	Economics	18	5	45
		Eng History..	18	5	45	Book-keeping..	18	5	45	Higher Arith..	18	5	45
		Amer. History	18	5	45	Writing.....	144	3	45				
		Civics.....	18	5	45	Spelling.....	144	2	45				
A.....	13	Algebra.....	54	5	40	Greek & Ro Hist	18	5	40	Eng History..	18	5	40
D.....		Geometry.....	54	5	40	Med. Mod Hist.	18	5	40	Book-keeping..	18	5	40
	5	U S History	18	5	40					Astron or Bot.	18	5	40
	4	Civics.....	18	5	40	Latin.....	48	5	40	Chem or Phy..	36	5	40
		Physics.....	36	5	40	Eng History....	18	5	40				
		English.....	144	5	40	Astron or Bot'y	18	5	40	Com. Course..	189	5	40
		Physiology....	18	5	40								
		Political Econ.	18	5	40	German.....	72	5	40				

HIGH SCHOOL STATISTICS

High school.	Name of instructor.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Odebolt...	Lealie I. Reed.....	2	S. U. I. 2.....	I. S. N. S. 4....	Harvard Col. 1/2
	Lavinia Mowry.....	5	.....	I. S. N. S. 3...	Western Nor 1/2..
	Gertrude Ingalls.....	7	Iowa Col. 4.....	.....	U. of Chi. 1/2.....
	Wilhelmina Kramer.....	2	.....	I. S. N. S. 1/2...	Fremont Nebr. Nor. Sch. 1/2....
Oelwein...	L. B. Moffett.....	1	S. U. I. 2.....	I. S. N. S. 3....	U. of Chi. 1-6....
	Mae Oreswell.....	6	.....	I. S. N. S. 2 1/2...	.....
	Perl Bemis.....	6	S. U. I. 4.....	.....	.....
	Mae Dolan.....	6	.....	I. S. N. S. 3....	.....
	Gertrude Ayers.....	6	.....	I. S. N. S. :.....	.....
Olin.....	T. J. Cowan.....	4	Iowa State Col. 2.	.....	Western Nor. Col. 2 U of Chi 1/2
	Erma Babcock....	6	Mammoth Col. 4	I. S. N. S. 1..	.....
Orange City..	Sidney Huffman.....	3	U. of Chi. 2. ....	.....	Tri. State Nor. 2
	Joseph L. Johnson.....	6	.....	I. S. N. S. 4	.....
	Alice M. Wilson.....	7	Iowa College 4....	I. S. N. S. 1.....	.....
Osage.....	H. E. LaRue.....	5	.....	.....	Highland Park..
	Geo. H. Sawyer.....	2	U. of Chi. 4.....	.....	Cedar V. Sem. 2..
	Clara Rosa Wilson.....	6	S. U. I. 4 1/2.....	.....	.....
	Ethel E. McKinley.....	6	Ia. State Col. 2	.....	Nora Spgs. Sem. 2
	.....	.....	Cornell Col. 1	.....	S. U. I. Sum. Sem.
	Elizabeth Fitz ..	6	.....	I. S. N. S. 3 ....	.....
Osceola....	W. R. Andrews.....	2	Amity Col. 1.	.....	.....
	.....	.....	Tarkio Col. 1.	.....	.....
	.....	.....	W. N. Col. 3.....	.....	.....
	Eliza Mitchell.....	4	.....	.....	.....
	Lula Mc Masters.....	4	.....	.....	.....
Oskaloosa.	Margaret Neal.....	6	Union Col. 4.....	.....	.....
	Ethel Smythe.....	6	Parsons Col. 4....	.....	.....
	H. W. Hurt.....	4	I. W. U. & Ger. Col.	.....	Grad. Work U. of Chi..
	Helen M. Handy.....	4	N. W. Univ. ....	.....	.....
	Alfred Williams.....	6	Tarkio Col.....	.....	Grad. Work U. of Chi..
	Ada M. Haskell.....	5	Penn Col.....	.....	U. of Chi.
	Mable Emerick.....	6	Penn Col.....	I. S. N. S.	U. of Chi.
	Mary L. Dobyns.....	5	U. of Chi.....	.....	Visitation Acad..
	John E. Hirst.....	6	Drake.....	I. S. N. S.	N. Ill. Nor.....
	Jessie L. Duboc.....	7	Shurtliff Col. Penn Col..	.....	Des Moines Col..
	Lily McCune.....	6	Penn Col.....	I. S. N. S. ....	.....
	Maude Harbach.....	7	Penn Col.-Bryn Mawr..	.....	U. of Chi.
	Harry Goodrich.....	7	I. W. U.....	.....	.....
	Sara A. Williams.....	1	.....	.....	New Sch. Method Des Moines Music College 2.

FOUR YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.																	
		Branches studied			Number weeks	Wks. per week.	Rec. period	Branches studied.			Number weeks.	Wks. per week.	Rec. period	Branches studied			Number weeks	Wks. per week	Rec. period.
B. M. D.	4	Algebra	55	5	35	Physics	30	5	35	Latin	144	5	35						
	6	Geometry	55	5	35	English	124	5	35										
B.	5	Arithmetic	15	5	35	Physiology	10	5	35	Word Analysis	16	5	35						
	1	Gen. History	35	5	35	Political Econ.	30	5	35	Book-keeping	20	5	40						
	2	U. S. History	30	5	35	Botany	15	5	35	Com. Geog.	20	5	35						
		Civics	40	5	35	Correspondence	14	5	35	Mental Arith	20	5	35						
		Physical Geog.	20	5	35					Com. Law	16	5	35						
P., M. D.	10	Algebra	54	5	40					Com. Geog.	18	5	40						
4	2	Geometry	54	5	40	Latin	144	5	40	Book-keeping	18	5	40						
2	3	Arithmetic	18	5	40	Electives	20	5	40	Electives—									
1	4	Gen. History	50	5	40					Physiology	18	5	40						
1	3	U. S. History	30	5	40	German	72	5	40	Book keeping	18	5	40						
		Physics	35	5	40	Zoology	18	5	40	Zoology	18	5	40						
		English	125	5	40	Physical Geog.	18	5	40	Physical Geog.	18	5	40						
		Political Econ.	18	5	40	Physiology	18	5	40										
		Algebra	75	5	45	Gen. History	30	5	45	Physics	30	5	40						
10	10	Geometry	30	5	35	Civics	18	5	35	English	125	5	35						
		Arithmetic	18	5	35	Physical Geog.	18	5	35	Latin	108	5	35						
		Algebra	54	5	40	U. S. History	35	5	40	English History	35	5	40						
	2	Geometry	35	5	40	Political Econ.	35	5	40	Botany	18	5	40						
	3	General Hist.	54	5	40	Science	34	5	40	Physiology	18	5	40						
		Physics	35	5	40	Electives	108	5	40	Com'l Geog	18	5	40						
		English	130	5	40					Geometry Solid	18	5	40						
		Lat.	35	5	40	Electives—				Arithmetic	18	5	40						
		Lat.	108	5	40	Physical Geog.	18	5	40	Book keeping	18	5	40						
		Electives	108	5	40	German	72	5	40	Zoology	18	5	40						
		Algebra	54	5	35	Physiology	18	5	35	Electives—									
2	10	Geometry	35	5	35	Latin	144	5	35	Botany	18	5	35						
3		General Hist.	35	5	35					Book-keeping	18	5	35						
	1	U. S. History	18	5	35	Arithmetic	18	5	35	Eng History	18	5	35						
		Civics	18	5	35	Word Anal. or.	35	5	35	German	72	5	35						
		Physical Geog	14	5	35	Eng Latin	35	5	35										
1		Physics	35	5	40														
		English	135	5	35														
		Algebra	54	5	40	Physics	30	5	40	Com'l. Geog	18	5	40						
		Geometry	54	5	40	English	144	5	40	Geology	18	5	40						
M. A.	8	Arithmetic	18	5	40	Physiology	18	5	40	Zoology	18	5	40						
	10	General Hist.	35	5	40	Book keeping	18	5	40	Botany	18	5	40						
	2	U. S. History	18	5	40	Latin	144	5	40	Political Econ	18	5	40						
	2	Civics	18	5	40					Eng History	18	5	40						
	2	Physical Geog.	18	5	40														
		Algebra	54	5	40	Botany	18	5	40	Orthography	18	5	40						
	6	Geometry	54	5	40	Music	144	2	40	Reading	18	5	40						
3, M. A.	2	Arithmetic	18	5	40					German	35	5	40						
		General Hist.	35	5	40	Latin	135	5	40										
	3	U. S. History	18	5	40					Com'l Course—									
	12	Civics	18	5	40	Physiology	18	5	40	Physiology	18	5	40						
3	3	Physical Geog.	18	5	40	English History	18	5	40	Book keeping	20	5	40						
Av. A. B.)	8	Physics	35	5	40	Chemistry	35	5	40	Com'l. Arith.	18	5	40						
	10	English	144	5	40	Zoology	18	5	40	Com'l Law	18	5	40						
		Political Econ.	18	5	40	Geology	18	5	40	Didactics	18	5	40						
B	4																		
	6																		
L. M. A.	4																		
B	2																		
	3																		

HIGH SCHOOL STATISTICS

High School.	Name of instructors.	number of period.	Preparation.		
			Years in College or university.	Years in a State Normal.	Years in other institutions above high school grade.
Renwick..	L. H. Ashline.....	12	.....	I. S. N. S. 1 sum.	.....
	Lizzie A. Marsh.....	5	Sould Col., Harlan Kan. 1.....	Kan. S. N. S. 1½	.....
Riceville ..	Paul M. Ray.....	6	.....	.....	W. Nor Col part of 2yrs Dubu. sum 8.
	Cora L. Reld.....	8	Drake 5. ....	.....	.....
	Edith Ketchem.....	4	.....	.....	Epworth Sem. 4..
Rockford .	S. R. Fitz.....	6	Iowa State Col. 4	.....	.....
	L. C. McMahon.....	6	Chi. Univ. ½ ...	I. S. N. S. ¾	.....
	Edith Waller.....	6	Col. Springs 3... Simpson 1.....	.....	.....
	Arthur Brogue....	1	.....	I. S. N. S. ½	.....
	Mrs. Janette English.....	.....	Cornell 2	I. S. N. S. ½	.....
	.....	.....	.....	I. S. N. S. ....	.....
Rock Rapids ..	W. S. Willson.....	2	.....	N. W. State Nor. sch. (Pa.) 4 ....	.....
	Helen M. Wolf.....	5	Wis. Univ. 1	I. S. N. S. 1.....	Cortland N. Y. 1
	Florence Graham.....	4	.....	I. S. N. S. 2.....	Platteville Wis 1
	Myrtle E. Anders.....	4	.....	I. S. N. S. 4.....	.....
Rockwell..	Fred Mahannah.....	5	Cornell Col. 5. ....	.....	.....
	Susan Elizabeth Baur.....	.....	.....	I. S. N. S. 2.....	.....
Rockwell City.	L. O. Bryan.....	2	.....	I. S. N. S. 2¾...	Epworth Sem. 1..
	C. H. Anthony.....	5	S. U. I. 4.....	.....	.....
	Belle Tennant.....	4	Cornell Col. 3.....	.....	.....
	Georgiana Holloway.....	6	Iowa Col. 4.....	.....	.....
	Ida McQuie.....	2	.....	.....	Highland P. Col. 2
Rock Valley...	B. T. Youel.....	4	.....	I. S. N. S. 8.....	S. U. I. 1 Sum..
	Gertrude Huizenga.....	7	Lake Forest (Ferry Hall) 1.	.....	North West Classical Academy 8 (Orange City Ia)
	Inez McLean.....	7	Amity College 1½ Monmouth Col 1	Kirksville (Mo.) 1	.....
Relfe ...	F. L. Cassidy.....	4	Upper Iowa U. 4..	.....	.....
	Emma Larkin.....	6	.....	I. S. N. S. 4.....	.....
	Irma Evans.....	5	Cornell Col 4.....	.....	.....
Russell....	S. W. Rowley.....	9	.....	.....	.....
	Hattie Worley.....	9	Neb. Wes. 4.....	.....	Nor. Dep t. Nebr. Wes. 2.....

YEAR COURSES.

		High School Courses.											
Yr's experience in B. B.		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	10	Algebra	54	4	40					Astronomy . .	19	4	40
.....		Geometry.....	54	4	40	Electives.—				Botany	19	4	40
.....		Arithmetic....	18	4	40	Latin	152	4	40	Zoology.....	38	4	40
.....	8	U S History ..	36	4	40	German.....	72	4	40	Eng. History..	36	4	40
.....		Physical Geog.	36	4	40	Chemistry ..	36	4	40	Gen'l History	36	4	40
.....		English.....	152	4	40	Geometry Solid.	19	4	40	Physics.....	38	4	40
.....		Physiology....	19	4	40	Trigonometry..	19	4	40				
.....	5												
.....	4												
.....	4												
.....	6												
.....	8												
.....													
.....	4												
.....	6												
.....													
.....		Algebra	7	5	34	Civics.....	40	5	30	Political Econ..	18	5	30
.....	6	Geometry.....	54	5	35	Physical Geog.	14	5	30	Chemistry . .	20	5	30
.....	8	Arithmetic....	36	5	30	Physics	19	5	40	Latin	72	5	35
.....		General Hist.	36	5	30	English	152	5	34				
.....		U S History ..	36	5	40	Physiology	18	5	30				
.....	8	Algebra	56	5	45	English	108	5	45	Physical Geog..	18	5	45
.....	8	Geometry.....	52	5	45	Physiology ..	24	5	45	Geology	24	5	45
.....	2 1/2	Arithmetic....	36	5	45	Political Econ...	18	5	45	Zoology.....	19	5	45
.....	8	General Hist.	36	5	45	German.....	72	5	45	Word Analysis.	18	5	45
.....	1	U S History ..	24	5	45	Adv. Literature.	20	5	45	Chemistry.....	24	5	45
.....	1	Civics	12	5	45								
.....	8	Physics	36	5	45	Latin	108	5	45				
B.....	6	Algebra	57	5	35	English	152	5	35	Book-keeping .	19	5	35
.....		Geometry.....	57	5	35	Physiology	19	5	35	Zoology.....	19	5	35
.....		Arithmetic....	18	5	45	Botany	19	5	35	Eng History or			
.....	1	General Hist.	36	5	45					Coast Geog.	19	5	35
.....		U. S. History ..	19	5	35	Latin	152	5	35	Political Econ.	19	5	35
.....		Civics	19	5	35					Elective.....	19	5	35
.....		Physical Geog.	19	5	35	Word Analysis.	19	5	35				
.....		Physics	35	5	35	Mental Arith....	19	5	35				
B..	9	Algebra	72	5	40	English	126	5	40	Physiology .	35	5	30
.....		Geometry.....	36	5	40	Political Econ..	18	5	40	U S History ..	36	5	40
.....	1	Arithmetic....	18	5	40	Botany	19	5	40	Solid Geometry	18	5	40
.....		General Hist..	36	5	40	Zoology	19	5	40	Chemistry.....	18	5	40
.....		Civics	26	5	4	Book-keeping .	36	5	45				
.....		Physical Geog.	18	5	40								
.....		Physics.....	36	5	40	Latin	108	5	40				
M		Algebra	72	5	35	Civics.....	19	5	35	Political Econ.	18	5	35
.....		Geometry.....	54	5	35	Physical Geog..	18	5	35	Botany	18	5	35
.....		Arithmetic A's	18	5	35	Physics	36	5	35	Book-keeping .	18	5	35
.....	9	General Hist.	36	5	35	English	108	5	35	Hist of Eng Lit	18	5	35
.....	8	U. S. History ..	18	5	35	Physiology	18	5	35	Latin	108	5	35

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Ruthven ..	H. A. Welty	9	Carthage Col. 1 ..	I. S. N. S. 3 .....	.....
	Blanche McCattermole.	9	Upper Ia. Uni. 4 ..	.....	.....
	Harry P. Helms	10	.....	.....	Spirit Lake Nor. 1
Sabula	L. V. Beaulieu	4	S. U. I. 3 .....	.....	.....
	Bessie Ellison.	6	Simpson Col. 4 ..	.....	.....
	Bertha S. Wolf.	6	S. U. I. 4 .....	.....	.....
Sac City..	O. F. Garrett.	6	Neb. State Uni. 4 ..	.....	.....
			Cornell Uni. 2 ..	.....	.....
	E. C. Kettelkamp	2	Gen. Wesleyan U. 4 ..	.....	.....
	Augusta Connolley.	7	Ohio State Uni. 4 ..	.....	.....
	Mary E. Paul	6	Coe. Col. 4 .....	.....	.....
	Grace Bidlack.	2	Drake 2. ....	.....	.....
St. Ansgar	F. H. Sunderlin	6	Ellsworth Col. 1 ..	.....	Nora Spgs. Sem. 1
	Florence L. Johnson	8	.....	I. S. N. S. 1/2 .....	.....
Salem .. .	R. B. Richmond	9	.....	Kan. State Nor. 1	Stockton Acad. 1
	Amy Bliss .....	..	Whittier .....	.....	Salina Nor. U. 1
Sanborn ..	J. E. Johnson.	4	S. U. I. 2	I. S. N. S. 3 .....	.....
	Sarah M. Whitfield.	7	.....	I. S. N. S. 3 .....	.....
	Hannah L. Houghton	7	S. U. I. 2	I. S. N. S. 2 .....	.....
	Cordelia S. Treat.	3	.....	I. S. N. S. 2 .....	.....
Schaller ..	F. E. Ford	7	.....	I. S. N. S. 4 .....	.....
	Bertha E. Alexander. ....	..	Monmouth C. 1 1/2, State U. Ind. 1, S. U. I. 2 .....	.....	.....
Sergeant Bluff	B. H. Callison.	7	.....	I. S. N. S. 3	S. U. I. Sem. 1
	Clara E. Johnson.	3	.....	.....	.....
Seymour..	J. R. Congill.	5	N. W. Uni. 1 .....	.....	.....
	J. S. Stamps.	6	Amity Col. 2 .....	.....	N. W. Uni. 1/2
	Maude Pettit.	4	.....	I. S. N. S. 2	H. P. Col. 1
Shelby ...	Louis Pelzer.	5	S. U. I. 1 1/2	I. S. N. S. 3 .....	.....
	Mary E. Tate.	7	Iowa Col. 4 .....	.....	.....
	Ariel Parish.	7	.....	I. S. N. S. 4 .....	.....

-FOUR YEAR COURSES.

Degree held.		Yrs experience in H. S.	High School Courses.											
			Branches studied.			Number weeks.			Branches studied.			Number weeks.		
				Number weeks.	Req. per week.	Req. period.		Number weeks.	Req. per week.	Req. period.		Number weeks.	Req. per week.	Req. period.
M. D.	7½	Algebra	54	5	40	Latin	144	5	40	Book-keeping	36	5	40	
B. D.	8	Geometry	54	5	40	Chemistry	144	5	40	Physiography	18	5	40	
Ph. B.	9	Gen. History	54	5	40	Economics	18	5	40	Botany	18	5	40	
B. D.	7	Civics	18	5	40	Trigonometry	18	5	40	Chemistry	18	5	40	
M. D., B. A.	8	Physical Geog.	18	5	40	Arithmetic	18	5	40	Economics	18	5	40	
		Physics	36	5	40	Latin	144	5	40	Trigonometry	18	5	40	
		English	18	5	40	German	72	5	40	Arithmetic	18	5	40	
		Hist. Greek	18	5	40					German	72	5	40	
		Hist. Roman	18	5	40									
		Hist. English	18	5	40									
M. D.	10	Algebra	54	5	35	Physical Geog.	18	5	35	Book-keeping	18	5	35	
B. D.	9	Geometry	54	5	35	Physics	36	5	35	Political Econ.	18	5	35	
		Arithmetic	18	5	35	English	144	5	35	English Hist.	36	5	35	
		Gen. History	36	5	35	Physiology	18	5	35					
		U. S. History	18	5	35	Latin	108	5	35					
		Civics	18	5	35									
M. E.	19	Algebra	54	5	35	Physical Geog.	18	5	35	Latin	54	5	35	
		Geometry	32	5	35	Physics	32	5	35					
		Arithmetic	32	5	35	English	96	5	35	Book-keeping	24	5	70	
		Gen. History	32	5	35	Physiology	18	5	35	Astronomy	24	5	85	
		U. S. History	18	5	35	Political Econ.	24	5	35	Botany	18	5	35	
		Civics	32	5	35					Zoology	18	5	35	
Ph. B.	11	Algebra	54	5	45	English	162	5	45	Com. Law	18	5	45	
		Geometry	54	5	45	Physiology	18	5	45	Advanced Civics	18	5	45	
		Arithmetic	36	5	45	Latin	108	5	45	Economics	18	5	45	
A. B.	4	Gen. History	36	5	45	German	108	5	45	Botany	18	5	45	
Ph. B.	3	U. S. History	36	5	45	Book-keeping	18	5	45	Didactics	18	5	45	
		Civics of Iowa	18	5	45					Geom.—Solid	18	5	45	
		Physical Geog.	18	5	45									
		Physics	36	5	45									
B. Ph.	2	Algebra	54	5	40	Physical Geog.	19	5	40	Latin	72	5	45	
B. Ph., B. Ph.	2	Geometry	54	5	40	Physics	36	5	40	Astronomy	18	5	90	
		Arithmetic	18	5	40	English	144	5	40	Book-keeping	18	5	60	
		Gen. History	36	5	40	Physiology	18	5	40	Botany	18	5	40	
		U. S. History	36	5	40	Political Econ.	36	5	40	Zoology	36	5	40	
		Civics	36	5	40									
M. A.	3	Algebra	72	5	40	Physical Geog.	18	5	40	Latin	144	5	40	
M. A.	1	Geometry	60	5	40	Physic	26	5	60	Book-keeping	18	5	60	
		Arithmetic	18	5	40	English	136	5	40	Com'l law	18	5	40	
		General Hist.	60	5	40	Physiology	18	5	40	Zoology	18	5	40	
		U. S. History	18	5	40	Political Econ.	18	5	40					
		Civics	29	5	40	Botany	18	5	40					
B. D.	8	Algebra	54	5	40	Civics	36	5	40	Book-keeping	18	5	40	
Ph. B.	8	Geometry	54	5	40	Physical Geog.	18	5	40	Latin	108	5	40	
		General Hist.	36	5	40	Physics	36	5	40					
		U. S. History	36	5	40	English	144	5	35					
B. B.	8	Algebra	54	5	40	English	154	5	40	Sue. Practice	18	5	40	
Ph. B.	8	Geometry	54	5	40	Physiology	18	5	40	Chemistry	36	5	40	
A. B., M. D.	1	Arithmetic	18	5	40	Political Econ.	18	5	40	Medieval Hist.	18	5	40	
B. A.	2	H. Greek Rom	36	5	40	Latin	144	5	40	German	72	5	40	
M. A.	2	U. S. Hist.	36	5	40	Botany	18	5	40	Com'l law	18	5	40	
Ph. B.	1	Civics	18	5	40	Zoology	18	5	40					
B. A.	1	Physical Geog.	18	5	40									
B. A.	2	Physics	36	5	40									
		Algebra	54	5	45	Physical Geog.	18	5	40	Latin	144	5	45	
		Geometry	54	5	45	Physics	36	5	45					
		Arithmetic	18	5	45	English	116	5	40	Book-keeping	36	5	45	
		General Hist.	36	5	40	Physiology	8	5	40	Com'l law	18	5	45	
B. B.		U. S. History	8	5	40	Botany	18	5	45	Political Econ.	18	5	40	
B. A.		Civics	36	5	40									

HIGH SCHOOL STATISTICS

High School.	Name of instructors.	Number of period.	Preparation.		
			Years in College or university.	Years in a State Normal.	Years in other institutions above high school grade.
Renwick..	L. H. Ashline.....	12	.....	I. S. N. S. 1 sum.	.....
	Lizzie A. Marsh.....	5	ould Col., Harlan Kan. 1	Kan. S. N. S. 1½	.....
Riceville..	Paul M. Ray.....	6	.....	.....	W. Nor Col part of 2yrs Dubu. sum 8
	Cora L. Reid.....	8	Drake 5. ....	.....	.....
	Edith Ketchem.....	4	.....	.....	Epworth Sem. 4..
Rockford..	S. R. Fitz.....	6	Iowa State Col. 4	I. S. N. S. ¾	.....
	L. C. McMahon.....	6	Chi. Univ. ½ ... Col. Springs 3...		
	Edith Waller.....	6	Simpson 1.....	I. S. N. S. ½	.....
	Arthur Brogue.....	1	Cornell 2	I. S. N. S. ½	.....
	Mrs. Janette English.....	.....	.....	I. S. N. S.	.....
Rock Rapids..	W. S. Willson.....	2	.....	N. W. State Nor. sch. (Pa.) 4 .....	.....
	Helen M. Wolf.....	5	Wis. Univ. 1	I. S. N. S. 1.....	Cortland N. Y. 1 Platteville Wis 1
	Florence Graham.....	4	.....	I. S. N. S. 2.....	.....
	Myrtle E. Anders.....	4	.....	I. S. N. S. 4.....	.....
Rockwell..	Fred Mahannah.....	5	Cornell Col. 5.	I. S. N. S. 2.....	.....
	Susan Elizabeth Baur.....	.....	.....
Rockwell City.	L. O. Bryan.....	2	.....	I. S. N. S. 2¾...	Epworth Sem. 1..
	C. H. Anthony.....	5	S. U. I. 4.....		
	Belle Tennant.....	4	Cornell Col. 3.....	.....	.....
	Georgia Holloway.....	6	Iowa Col. 4.....	.....	.....
	Ida McQuie.....	2	.....	.....	Highland P. Col 3
Rock Valley...	B. T. Youel.....	4	.....	I. S. N. S. 8.....	S. U. I. 1 Sum..
	Gertrude Huizenga.....	7	Lake Forest (Ferry Hall) 1.		
	Inez McLean.....	7	Amity College 1½ Monmouth Col 1	Kirkville (Mo.) 1	North West Classical Academy (Orange City Ia)
Relfe ...	F. L. Cassidy.....	4	Upper Iowa U. 4..	.....	.....
	Emma Larkin.....	6	.....	I. S. N. S. 4.....	.....
	Irma Evans.....	5	Cornell Col 4.....	.....	.....
Russell....	S. W. Rowley.....	9	.....	.....	.....
	Hattie Worley.....	9	Neb. Wes. 4.....	.....	Nor. Dep t. Nebr. Wes. 2.....

OUR YEAR COURSES.

Degrees held.	Yrs experience in H.S.	High School Courses.								
		Branches studied.	Number weeks.	Sec. per week.	Rec. period.	Branches studied.	Number weeks.	Sec. per week.	Rec. period.	Branches studied.
.....	2	Algebra	54	5	5	Civics	54	5	5	Political Econ..
.....		Geometry	54	5	5	Physical Geog..	18	5	5	Botany
.....		Arithmetic	54	5	5	Physics	18	5	5	Word Analysis
.....	1	Gen. History	54	5	5	English	144	5	5	Latin
.....		U. S. History	18	5	5	Physiology	18	5	5	
.....		Algebra	54	5	5	Physical Geog..	18	5	5	Geog. Political
.....	10	Geometry	54	5	5	Physics	18	5	5	Latin Begin..
.....		Arithmetic	54	5	5	English	108	5	5	Cesar
.....		Gen. History	36	5	5	Physiology	18	5	5	Cicero
.....		U. S. History	36	5	5	Political Econ..	18	5	5	
.....		Civics	18	5	5	Botany	18	5	5	
.....	13	Algebra	54	5	5	Physical Geog..	18	5	5	Zoology
.....		Geometry	54	5	5	Physics	36	5	5	Astronomy ..
.....		Arithmetic	18	5	5	English	108	5	5	Book-keeping..
.....		Gen. History	54	5	5	Physiology	18	5	5	Political Econ..
.....	5	U. S. History	18	5	5	Latin	144	5	5	German
.....		Civics	18	5	5					
.....	15	Algebra	54	5	5	Physical Geog..	24	5	5	Botany
.....		Geometry	54	5	5	Physics	48	5	5	Nat. History..
.....		Gen. History	54	5	5	English	156	5	5	
.....	10	U. S. History	12	5	5	Latin	144	5	5	
.....	7	Civics	24	5	5					
.....	15	Algebra	72	5	5	Physics	36	5	5	Ancient Hist....
.....		Geometry	54	5	5	English	15	5	5	Modern Hist ..
.....		Arithmetic	18	5	5	Physiology	9	5	5	Latin
.....		Civics	18	5	5	Political Econ..	18	5	5	
.....		Physical Geog..	18	5	5	Botany	18	5	5	
.....	9	Algebra	54	5	5	Book-keeping....	18	5	5	Political Econ..
.....		Geometry	54	5	5	Latin	144	5	5	Com'l Law
.....	4	General Hist..	24	5	5	German	72	5	5	Com'l Geog..
.....	1	Civics	18	5	5	U. S. History...	18	5	5	Geometry (Solid)
.....		Physical Geog..	18	5	5					Arithmetic
.....		Physics	18	5	5					Physiology
.....		English	144	5	5					Botany
.....	6	Algebra	54	5	5	Physics	18	5	5	Latin
.....		Geometry	54	5	5	English	156	5	5	
.....		Arithmetic	12	5	5	Physiology	18	5	5	Business Law..
.....		General Hist..	24	5	5	Political Econ..	18	5	5	Book-keeping..
.....	1	U. S. History	18	5	5	Botany	18	5	5	and Com'l Law
.....		Civics	18	5	5	Reviews	18	5	5	German
.....		Physical Geog..	18	5	5					
.....	8	Algebra	54	5	5	English	144	5	5	Physical Geog..
.....	3	Geometry	54	5	5	Physiology	18	5	5	Book-keeping..
.....	1	Arithmetic	18	5	5	Political Econ..	18	5	5	Com'l Law
.....		General Hist..	24	5	5	Latin or German	72	5	5	Com'l Arith....
.....		U. S. History	36	5	5	Latin	72	5	5	
.....		Physics	36	5	5					
.....	15	Algebra	54	5	5	Physics	34	5	5	Chemistry
.....		Geometry	54	5	5	English	108	5	5	Mineralogy
.....		Arithmetic	54	5	5	Physiology	18	5	5	Geology
.....		General Hist..	24	5	5	Political Econ..	18	5	5	
.....		U. S. History	18	5	5	Latin	108	5	5	Com'l Law
.....		Civics	36	5	5					Book-keeping..
.....		Physical Geog..	24	5	5					

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Ruthven ..	H. A. Welty	9	Carthage Col 1 ..	I. S. N. S. 8	Spirit Lake Nor. 2
	Blanche McCattermole.....	9	Upper Ia. Uni. 4	.....
	Harry P. Helms	10	.....	.....
Sabula	L. V. Beaulieu	4	S. U. I. 5 .....	.....	.....
	Bessie Ellison.....	6	Simpson Col. 4.	.....
	Bertha S. Wolf.....	6	S. U. I. 4 .....	.....
Sao City..	O. F. Garrett.....	6	Neb. State Uni. 4	.....	.....
			Cornell Uni. 2..		
	E. C. Kettelkamp	2	Gen. Wesleyan U. 4		
	Augusta Connolley.....	7	Ohio State Uni. 4.		
	Mary E. Paul	6	Coe. Col. 4		
St. Ansgar	Grace Bidlack.....	2	Drake 2. ....	.....	.....
St. Ansgar	F. H. Sunderlin	6	Ellsworth Col. 1.	.....	Nora Spgs. Sem. 1
	Florence L. Johnson	8	.....	I. S. N. S. ¼	
Salem ...	R. B. Richmond	9	.....	Kan. State Nor. 1	Stockton Acad. 1 Salina Nor. U. 1
	Amy Bliss .....	..	Whittier		
Sanborn ..	J. E. Johnson.....	4	S. U. I. 2	I. S. N. S. 3 .....	.....
	Sarah M. Whitfield.....	7	.....	I. S. N. S. 3	
	Hannah L. Houghton	7	S. U. I. 2	I. S. N. S. 3	
	Cordelia S. Treat.....	3	.....	I. S. N. S. 2	
Schaller ..	F. E. Ford	7	.....	I. S. N. S. 4.....	.....
	Bertha E. Alexander.....	..	Monmouth O. 1½, State U. Ind. 1, S. U. I. 2		
Sergeant Bluff	B. H. Callison.....	7	.....	I. S. N. S. 3.....	S. U. I. Sem. 3.
	Clara E. Johnson.....	3	.....	
Seymour..	J. R. Congill.....	5	N. W. Uni. 1.....	I. S. N. S. 2	N. W. Uni. ½..... H. P. Col. 1.....
	J. S. Stamps.....	8	Amity Col. 2		
	Maude Pettit.....	4	.....	
Shelby	Louis Pelzer.....	5	S. U. I. 1½.....	I. S. N. S. 3.....	.....
	Mary E. Tate.....	8	Iowa Col. 4		
	Ariel Parish.....	7	.....	

FOUR YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
D	11	Algebra	37	5	35	U. S. History ..	16	5	35	English	93	5	35
B	1	Geometry	39	5	35	Civics	17	5	35	Physiology	16	5	35
		Arithmetic	20	5	35	Physical Geog. ..	9	5	35	Political Econ ..	25	5	35
		Gen. History	36	5	35	Physics	20	5	35				
A. M. A.	4	Algebra	54	5	45	Civics	14	5	45	Book-keeping. ..	13	5	45
B	3	Geometry	36	5	45	Physical Geog. ..	15	5	45	Word Study	72	1	45
B	2	Arithmetic	18	5	45	Physics	17	5	45	Latin	108	5	45
		Gen. History	36	5	45	English	14	5	45				
		U. S. History	36	5	45	Physiology	17	5	45				
		Algebra	54	5	45	Physics	37	5	45				
M	15	Geometry	54	5	45	English	26	5	45	Com'l Law	18	5	40
Ph	7	Arithmetic	12	5	40	Political Econ ..	15	5	45	Zoology	20	5	40
Ph	3	Gen. History	36	5	40	Botany	21	5	45	German	72	5	40
Ph	1	U. S. History	15	5	40	Latin	14	5	40	Physiology	16	5	40
	4	Civics	20	5	40	Book-keeping. ..	17	5	45				
		Physical Geog	18	5	40								
Di	8	Algebra	54	5	45	Physics	14	5	45	Ancient History ..	36	5	45
	6	Geometry	36	5	45	English	16	5	45	History Europe ..	25	5	45
		Arithmetic	18	5	45	Physiology	17	5	45	English History ..	14	5	40
		U. S. History	36	5	40	Political Econ ..	17	5	45	Business Law ..	18	5	40
		Civics	18	5	45	Book-keeping. ..	15	5	45				
		Physical Geog	18	5	45	Word Analysis ..	14	5	30				
		Algebra	54	5	40	U. S. History	34			English	170		
	8	Geometry	34	5		Civics	34			Political Econ ..	34		
		Arithmetic	54	5		Physical Geog ..	34			Latin	66		
		Gen. History	51			Physics	61						
Ph. M. Di	4	Algebra	54	5	40	English	140	5	40	Book-keeping. ..	18	5	40
Di	1	Geometry	54	5	40	Political Econ ..	12	5	40	Zoology	18	5	40
Di	6	Arithmetic	18	5	40	Botany	36	5	40	Physiology	13	5	40
Di		Gen. History	36	5	40	Penmanship	36	5	20	English History ..	14	5	40
		U. S. History	18	5	40					Com'l Geog	17	5	40
		Civics	18	5	40	Latin	144	5	40	Review Algebra ..	18	5	40
		Physical Geog	18	5	40					Com'l Law	18	5	40
		Physics	36	5	40	Com. Arithmetic ..	18	5	40				
Di		Algebra	54	5	35	Physical Geog. ..	18	5	30	Botany	19	5	40
		Geometry	36	5	35	Physics	36	5	35	Book-keeping ..	18	5	35
		Arithmetic	18	5	30	English	114	5	40	Latin	108	5	35
B		Gen. History	36	5	30	Physiology	14	5	30				
		Civics	18	5	30	Political Econ ..	18	5	30				
Di	2	Algebra	54	5	30	Civics	14	5	30	Botany	12	5	30
		Geometry	36	5	30	Physical Geog. ..	14	5	30	Book-keeping ..	14	5	30
		Arithmetic	18	5	30	Physics	3	5	30	Latin	144	5	30
		Gen. History	36	5	30	English	162	5	30				
		U. S. History	18	5	30	Political Econ ..	27	5	30				
	7	Algebra	64	5	35	Civics	20	5	35	Botany	12	5	35
	6	Geometry	64	5	35	Physical Geog. ..	14	5	35	English Hist ..	16	5	35
	1	Arithmetic	32	5	35	Physics	16	5	35	Latin	64	5	35
		Gen. History	32	5	35	English	94	5	35				
		U. S. History	16	5	35	Political Econ ..	16	5	35				
Di	8	Algebra	54	5	35	Physical Geog. ..	18	5	35	Latin	144	5	35
B	6	Geometry	51	5	35	Physics	36	5	35				
Di		Arithmetic	14	5	35	English	120	5	35	German	72	5	35
		Gen. History	36	5	35	Physiology	18	5	35	English Hist ..	18	5	35
		U. S. History	19	5	35	Political Econ ..	18	5	35	Astronomy	18	5	35
		Civics	18	5	35					Eng Classics ..	36	5	35

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Sheldon .	O. M. Elliott.....	1	Marietta Ohio C. 4		
			S. U. I. Sum 1		
	Elizabeth M. Gill.....	4	Cornell 2.....		
	Lillian O. McCoin.....	2	Cornell 3.....		
	Jessie Mande Lickle.....	6	Cornell 4.....		
	Augusta E. Hitchcock.....	6	Unl. Chicago 1		
Shell Rock			Lombard Col. 3	I. S. N. S. 1½....	
	A. R. Nichols.....,.....	5	Upper Iowa 4.	I. S. N. S. Sum. 1	
	A. W. Moore.....	5		I. S. N. S.	
	Erie Collins.....	2		I. S. N. S.	
	Maye Loomis.....	7		I. S. N. S.	
Shenan- doah	Carrie E. Huting.	4	Iowa Col. 5.....		
	Zelma Goldsworthy.....	4	Iowa Col. 4.....		U. of Minn. 5 mo. (Grad. Work)..
	A. Claire Goodall.....	5	Knox Col. 4.....		
	Jennie Taylor.....	5			West. Nor. Col. 3
	Frank M. Stettler... ..	4	Dury Col. (Spring field, Mo.) 4....		U. of Chi. (Post Grad. Work)..
Sibley.....	L. B. Parsons.....	4	Upper Iowa U. 1, Cornell Col. 3.		U. of Chi. ½.....
	Deca Lodwick	7	S. U. I. 3.....	I. S. N. S. 1½....	
	Olara Kink	8	Carleton Col. 4....		Charles City Col. ½
Sidney	Chas. S. Cobb	4		I. S. N. S. 3.....	Sum. at Drake and Lincoln ...
	Della Simons.....	6	U. of Neb. (Lin- coln) 2½		
	Jennie Stiles.....	6	Tabor Col. 2		Sum. at Drake and Lincoln ...
	Lillian Eaton	6	Iowa Col. 3½.....		Simpson Col. 1..
Sigourney	H. P. Trumbo.....	5		I. S. N. S. 3.....	
	Ida Perry.....	6	U. of Mich. 3½..		
	Lida Updegraff.....	6	Iowa Col. 1....		
			Cornell Col. 3....		
	Grace Hakens.....				
Sioux Cen- ter.....	Laura Carrell.....				
	E. J. Strick.....	5	Hope Col. 4.....		U. of Mich. 6 wks
	Mrs W. Vander Linden...	8	Central U. (Ia) 4.		
	J. DeKoster (½ time).....	8			

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Sioux City	George E. Marshall.....	..	Columbia .....	.....	.....
	Elizabeth Bills.....	..	Cornell .....	.....	.....
	A. R. Thomas .....	..	U. of Chicago .....	.....	.....
	Bertha W. Blum.....	..	S. U. I.....	.....	.....
	Fanny Burling.....	..	U. of Chicago.....	.....	.....
	Marion I. Durand.....	..	U. of Mich.....	.....	.....
	Blanch E. Lewis.....	..	U. of Chicago.....	.....	.....
	George W. Tidd.....	..	Stienman Col. ..	.....	.....
	Florence A. Shaw.....	..	U. of Wis.. .....	.....	.....
	Helen W. Syverson ..	..	U. of S. Dak .....	.....	.....
	Mrs. H. K. Del Foose.....	..	Rockhill Sem .....	.....	.....
	A. Marie Lynch.....	..	S. U. I.....	.....	.....
	Maud McMaster.....	..	Cornell Col.....	.....	.....
	Paul Dorweller.....	..	S. U. I.....	.....	.....
	A. H. Smith.....	..	Dickinson Col.....	.....	.....
	P. A. Bond.....	..	S. U. I.....	.....	.....
	H. W. White .....	..	Simpson.....	.....	.....
Sioux Rapids.....	W. J. Hunt.....	..	.....	I. S. N. S. 4.....	.....
	Agnes Mosher.....	..	Ames 5.....	.....	.....
	Blanche Roberts.....	..	.....	Kansas Nor. 5.....	.....
Sloan.	C. E. Moffitt.....	4	S. U. I 4.....	.....	.....
	Alvena Hansen.....	..	Mich Univ. Chi. Univ l.	I. S. N. S 2.....	.....
	Emily Aston.....	6	Coe Col. 4.....	.....	.....
	D. U. Hall.....	5	.....	.....	Morningside College 3½.....
Spencer...	A. H. Avery	1	.....	.....	.....
	D. M. Odle.....	4	Bridgeville Col 6..	.....	.....
	Lodima A. Willis.....	5	U. of Wis. 1.....	St Nor Plattville (Ore) 4.....	St. Univ. Col.....
	O. C. Williard.....	6	Drake 5.....	.....	.....
	Ina L. Hill .....	..	S. U. I. Iowa Col 4.....	.....	.....
	R. L. Collett.....	..	Iowa State Col 4..	.....	.....
Spirit Lake	T. Frank Pearson....	8	Parsons Col. 8....	.....	Wash. Acad.....
	Ada Ellen Clark.....	8	Coe Col. 4.....	.....	.....
	Edythe A. Acheson.....	6	.....	I. S. N. S (terms 1)	.....
Springville.....	F. N. Nisley.....	7	Coe Col 5.....	.....	.....
	Eunice Eyestone.....	6	Iowa Wesleyan 8. Cornell 1. ....	.....	.....
Stanwood.	Paul S. Filer.....	5	S. U. I. 5 .....	.....	.....
	Mrs. M. Scherrebeck.....	7	.....	I. S. N. S. 2.....	N. Y. Acad.....

--FOUR YEAR COURSES.

Preparation,		Years experience in H. S.	High School Courses.											
Degrees held.			Branches studied			Number weeks.	Rec. per week.	Rec. period.	Branches studied			Number weeks.	Rec. per week.	Rec. period.
B. A.			Algebra	36	5	4	Political Econ.	18	5	45	Chemistry	36	5	45
Ph. B.			Geometry	42	5	45					Geology	36	5	45
B. A.			Arithmetic	36	5	45	Latin	144	5	45	Botany	144	5	45
Ph. B.			U. S. History	18	5	45	Greek	72	5	45	Eng. History	18	5	45
Ph. B.			Civics of U. S.	18	5	45	German	72	5	45	Ancient History	18	5	45
B. A.			Physical Geog.	18	5	45	Botany	18	5	45	Latin	144	5	45
Ph. B.			Physics	36	5	45	Eng. History	18	5	45	Business Course	36	10	45
B. S.			English	144	5	45	Ancient History	36	5	45				
Ph. B.			Physiology	18	5	45								
B. A.														
Ph. B.														
Ph. B.														
B. A.														
B. A.														
B. 4														
B. A.														
Ph. B.														
M. D.		6	Algebra	72	5	40	Physical Geog.	36	5	40	Latin	72	5	40
			Geometry	84	5	40	Physics	36	5	40	Word Study	118	5	40
			Arithmetic	36	5	40	English	84	5	40	Book-keeping	18	5	40
			Gen. History	36	5	40	Political Econ.	18	5	40	Botany	18	5	40
			U. S. History	18	5	40	Orthography	36	5	40	Economics	18	5	40
			Civics	18	5	40								
Ph. B.		1	Algebra	54	5	40	Physical Geog.	18	5	40	Latin	144	5	40
			Geometry	54	5	40	Physics	36	5	40	Word Analysis	18	5	40
		5	Arithmetic	18	5	40	English	144	5	40	Political Econ.	18	5	40
Ph. B.		8	Gen. History	36	5	40	Physiology	18	5	40	German	72	5	40
			U. S. History	18	5	40	Botany	18	5	40	Eng. History	18	5	40
		2	Civics	18	5	40								
		14	Algebra	54	5	40	English	144	5	40	Ger. or Science	72	5	40
A. M.		50	Geometry	54	5	40	Physiology	18	5	40	Ger. or Latin	72	5	40
			Arithmetic	18	5	40	Political Econ.	18	5	40	Physical Geog.	18	5	40
		18	Gen. History	54	5	40	Botany	18	5	40	Zoology	18	5	40
Ph. B.		2	U. S. History	46	5	40	Latin	72	5	40	Geology	36	5	40
			Civics	18	5	40								
Ph. B.			Physics	36	5	40	Latin	72	5	40				
A. Sc.														
B. A.			Algebra	54	5	40	Physiology	18	5	40	U. S. History	36	5	40
Ph. B.			Geometry	36	5	40	Latin	144	5	40	German	72	5	40
			Arithmetic	18	5	40	German	72	5	40	Polit. Economy	18	5	40
			Gen. History	36	5	40	Botany	18	5	40	Solid Geometry	18	5	40
			Civics	18	5	40	Physical Geog.	18	5	40	Psychology	36	5	40
			Physics	36	5	40								
			English	144	5	40								
B. Ph.		4	Algebra	54	5	40	Physical Geog.	18	5	40	Book-keeping	18	5	40
			Geometry	36	5	40	Physics	36	5	40	English Hist.	18	5	35
			Arithmetic	18	5	40	English	84	5	40	Music	36	2	30
			General Hist.	36	5	40	Physiology	18	5	40	Latin	108	5	35
			U. S. History	18	5	40	Political Econ.	18	5	40				
			Civics	18	5	40	Botany	18	5	40				
B. A.		3	Algebra	54	5	45	Civics	18	5	45	Book-keeping	18	5	45
		18	Geometry	54	5	45	Physical Geog.	18	5	45	Ancient Hist.	36	5	45
			Arithmetic	18	5	45	Physics	36	5	45	Modern Hist.	36	5	45
			General Hist.	18	5	45	English	144	5	45	Latin	108	5	45
			U. S. History	18	5	45	Political Econ.	18	5	45				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Storm-Lake	A. C. Fuller, Supt	2	S. U. I. 1 U. Chi 1	I. S. N. S. 4.....	Armour Inst. 1.....
	Clara R. Bamber.	5	Cornell Col. 2½..	.....	U. of Chi. 1.....
	Nellie A. Regan.....	7	Iowa Col. 4.....	.....	.....
	Julia H. Braginton.....	7	Cornell Col. 1½..	I. S. N. S. 1.....	.....
	Thomas Teakle.....	6	.....	I. S. N. S. ....	.....
	Lulu Stevens.....	8	Iowa Col. 1.....	.....	Prov. Acad 4.....
Story City	E. E. Waters.....	7	.....	I. S. N. S.....	.....
	Maud Wakefield.....	8	Iowa State Col. 4.....	.....	.....
Stuart	C. McCracken	1	S. U. I. 1.....	.....	Ind. Normal 1.....
	A. M. Allison	4	Sasquehanna U. 2	.....	.....
	.....	4	Backnell Uni. 2..	.....	.....
	M. Ella C. McNichols	7	.....	.....	.....
	Lina Haviland Moore	6	S. U. I. 2.....	I. S. N. S. 2.....	.....
Sumner....	Wilhelmina Van Syoc.....	7	Simpson Col. 4..	.....	Simpson No. 1.....
	.....	.....	.....	.....	Simpson S. o. 1.....
Sumner....	Thos. J. Durant	6	Upper Iowa U. 6.	.....	.....
	Gladys Kiefer.	6	.....	I. S. N. S. 3.....	.....
Sutherland	F. E. Tellier	6	Iowa Col. 4.....	.....	.....
	.....	.....	S. U. I. 1.....	I. S. N. S. 1 Sum.	Uni. of Chi. 1.....
	Edith O. Swan	6	Iowa Col. 4.....	.....	Grad. 1.....
	Nellie A. Chase.....	6	S. U. I. 4.....	.....	.....
	Ruby E. Parish	6	Iowa Col. 4.....	.....	.....
Tipton	C. Ray Aurner.....	2	S. U. I. 1.....	I. S. N. S. 4.....	U. of Chi. 1.....
	Hallie Jennings.....	7	.....	I. S. N. S. 3.....	.....
	Eva Ruth Parsons.....	7	Cornell Col. 2.....	I. S. N. S. 1.....	S. U. I. Sum. 1.....
	Ruth Pratt.....	6	Cornell Col. 4.....	.....	.....
	Mrs. C. R. Aurner.....	4	S. U. I. 1. Drake 8	.....	.....
Toledo	Ethel F. Carpenter.....	5	Cornell Col. 4.....	.....	Cornell Nol. 1.....
	Walter S. Donat.....	6	Western Col. 4.....	.....	Western Col. 1.....
	.....	.....	Yale U. 1.....	.....	Upper Ia. Un. 1.....
	Emma Hancock.....	7	Ia. State Col. 8.....	.....	N. W. Univ. 1.....
Traer	Mabel Smith	7	Western Col. 5.....	.....	.....
	F. L. Mahannah.....	5	S. U. I. ....	.....	Nor. Ind. No. 1.....
	Harry Lambert	7	.....	I. S. N. S. ....	.....
Union	Clara Blonde.....	7	S. U. I. ....	.....	Dixon Nor. 1.....

Union	J. T. Fackler	7	Cornell Col. 3.....	I. S. N. S. 3.....	.....
	Ada B. Zane	9	Iowa Col. 4.....	.....	.....

R COURSES.

Yr's experience in H.S.	High School Courses.											
	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. periods.
7	Algebra.....	54	5	40	Physical Geog.	18	5	40				
18	Geometry.....	54	5	40	Physics.....	55	5	40	Com'l law.....	36	5	40
	Arithmetic....	14	5	40	English.....	144	5	40	Com'l Arith....	18	5	40
6	General Hist..	24	5	40	Political Econ.	18	5	40	Book-keeping..	18	5	40
4	U. S. History	18	5	40	Latin.....	144	5	40	German.....	72	5	40
	Civics.....	18	5	40								
7												
2	Algebra.....	72	5	30	Physical Geog..	18	5	30	Book-keeping..	18	5	45
2	Geometry.....	36	5	40	Physics.....	24	5	40	Etymology.....	34	5	40
	Arithmetic....	42	5	40	English.....	66	5	30	Orthography..	12	5	30
	General Hist..	36	5	35	Physiology....	12	5	20	Latin.....	72	5	40
	U. S. History..	36	5	30	Political Econ...	18	5	30				
	Civics.....	36	5	30	Botany.....	18	5	35				
18	Algebra.....	54	5	35	Physical Geog..	18	5	35				
	Geometry.....	54	5	35	Physics.....	36	5	35	Latin.....	144	5	35
4	Arithmetic....	18	5	35	English.....	136	5	35				
8	Gen Hist.....	36	5	35	Physiology....	18	5	35	German.....	72	5	35
6	U. S. Hist....	18	5	35	Botany.....	18	5	35	Bookkeeping..	18	5	35
	Civics.....	18	5	35	Chemistry.....	18	5	35	Com'l Geog....	18	5	35
12	Algebra.....	54	5	45	Physical Geog..	36	5	45	Word Analysis..	18	5	35
1	Geometry.....	36	5	45	Physics.....	36	5	45	Bookkeeping...	18	5	40
	Arithmetic....	27	5	44	English.....	136	5	45	Astronomy.....	18	5	45
	Gen Hist.....	36	5	40	Physiology....	18	5	45	Com'l Geog....	18	5	45
	U. S. Hist....	18	5	40	Political Econ.	20	5	45				
	Civics.....	18	5	40	Reviews—							
	Algebra.....	54	5	35	Physics.....	36	5	35	Bookkeeping...	18	5	35
	Geometry.....	54	5	35	English.....	108	5	35	Latin.....	144	5	45
7	Gen Hist.....	36	5	35	Political Econ.	18	5	35	German.....	36	5	45
	U. S. Hist....	18	5	45	Botany.....	18	5	35				
	Civics.....	18	5	35	Zoology.....	18	5	35				
8												
18	Algebra.....	54	5	35	Physical Geog.	18	5	35	German.....	72	5	35
7	Geometry.....	54	5	35	Physics.....	36	5	35	Economics....	18	5	35
8	Arithmetic....	14	5	35	English.....	62	5	35	Com'l. Law or			
	General Hist..	36	5	35	Physiology....	18	5	35	Book-keeping..	18	5	35
2	U. S. History..	18	5	45	Latin.....	144	5	35	Roman history	18	5	35
	Civics.....	18	5	35					English History.	18	5	35
10	Algebra.....	54	5	40	Physics.....	36	5	40	Latin.....	144	5	40
	Geometry.....	54	5	40	English.....	144	5	40	Arithmetic....	36	5	40
2	General Hist..	36	5	40	Physiology....	18	5	40	Political Econ	19	5	40
1	U. S. History	18	5	40	Botany.....	18	5	40	German.....	72	5	40
2	Civics.....	18	5	40	Higher Arith..	18	5	40	Reviews.....	18	5	40
	Physical Geog	18	5	40								
9	Algebra.....	54	5	45	Physics.....	36	5	40	Book-keeping..	18	5	40
1	Geometry.....	54	5	45	English.....	62	5	40	Orthography...	18	5	40
8	Arithmetic....	36	5	45	Physiology....	18	5	40	Botany.....	18	5	40
	General Hist..	36	5	40	Political Econ.	18	5	40	Com'l Law....	18	5	40
	U. S. History..	18	5	40	Latin.....	144	5	40	Com'l. Geog....	18	5	40
	Civics.....	18	5	40	German.....	72	5	40				
	Physical Geog.	18	5	40								
8	Algebra.....	54	5	45	Civics.....	18	5	40	Political Econ	18	5	40
	Geometry.....	36	5	45	Physical Geog.	19	5	40	Botany.....	18	5	45
	Arithmetic....	18	5	40	Physics.....	36	5	40	Latin.....	144	5	40
	General Hist..	36	5	45	English.....	108	5	40				
	U. S. History..	18	5	40	Physiology....	18	5	40				

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of periods	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Valley Jct.	W. O. Reed	5	H. P. Col. 3	I. S. N. S. 1½ ..	.....
	Pearl Sheffield	5	Drake 4. ....	.....	.....
	Edna Pugh	7	Drake 4 .....	.....	.....
	Blanche Pinkerton	7	Drake 4. ....	.....	.....
Victor ..	A. S. Reid	9	Drake 5, Yale Univ. 2½	I. S. N. S. 1 .....	.....
	Godfrey Messer .....	..	.....	I. S. N. S. 2 .....	.....
Villisca ...	O. C. Ball,.....	4	Coe Col. 4 ...	.....	.....
	H. W. Hackett ..	6	Penn. Col. 2½ S. U. I. 2 .....	.....	.....
	Letha Jones,.....	6	Cornell Col. 4 ...	.....	.....
	Jessie Wiseman,.....	6	Cornell Col. 8 ...	.....	O. W. Univ. 1...
	Leonora Wallace	5	Red River Valle Univ. 1.....	.....	.....
Vinton....	A. M. M. Dornon.....	1	Geneva Col. 3½ S. U. I. 1 term.	.....	Blairsville, Pa. 1, New Alander Acad. 2 I. S. Col. 1 term Cornell C. 2 term
	James Rae,	4	Simpson Col. 4...	.....	.....
	Ethel Golden.....	5	S. U. I. 2½ .....	.....	.....
	Blanche McLaughlin, ..	6	.....	I. S. N. S. 4 tr.	.....
	Mrs. Elizabeth Sherwood..	6	S. U. I.	Minn. S. N. 1 .....	.....
	Mrs. Minnie Thompson....	8	.....	.....	.....
Wall Lake	M. R. Timmerman	6	Iowa State C. 1½.	I. S. N. S. 1½ ..	.....
	Mrs. Hattie Timmerman.	7	.....	I. S. N. S. 3 .....	.....
	Mrs. Ada Shollenberger ..	8	.....	I. S. N. S. 1 .....	.....
Walnut ...	L. J. White.	5	Drake (Sam) 2, S. U. I. 2 .....	.....	Western Nor. 1
	Ella Moore	6	Cornell C. I. S. U. I. 1	I. S. N. S. 3 .....	.....
	Lucile Landers.....	7	S. U. I. 4 .....	.....	.....
	Della Meier.....	2	Oberlin 1 .....	.....	.....
Wapello ..	John W. McCulloch	4	.....	I. S. N. S. 1	Valparaiso 3
	Phila G. Russell	6	I. U. U. 2 .....	.....	.....
	Kittie M. Grimes	6	.....	I. S. N. S. 2 .....	.....
	Izola M. Sweeney.....	2	.....	I. S. N. S. 2	Valparaiso 3
Wash- ington..	J. A. Biggs, Prin.	3	Lake Forest U. 4 .....	.....	Lake Forest A. U. of Chi. ½ ..
	Stena Hansen	5	.....	I. S. N. S. 4 .....	.....
	Margaret Lafley	5	S. U. I. 4 .....	.....	.....
	Carolyn Rall	6	S. U. I. 3	I. S. N. S. 3 .....	.....
	Ella Woodford.....	5	U. of Neb. ½, S U. I. ½ .....	.....	U. of Chi. ½ ..
	Ethel G. Nichols.....	5	S U. I. 4 .....	.....	.....
	Mary W. Bryant.....	6	Iowa Col. 4 .....	.....	Harvard U. ½ ..
	H. E. Case.....	6	U. of Wis. 2	Wis. State Nor. 3 .....	.....

FOUR YEAR COURSES.

Preparation.		High School Courses.											
Degrees held.	Yrs experience in H.S.	Branches studied.			Branches studied.			Branches studied.			Branches studied.		
		Number weeks.	Rec. per week.	Rec. period.	Number weeks.	Rec. per week.	Rec. period.	Number weeks.	Rec. per week.	Rec. period.	Number weeks.	Rec. per week.	Rec. period.
B. Di.	11	Algebra	54	5	40	Political Econ.	18	5	40	Geography	18	5	40
B. Pe.	8	Geometry	54	5	40	Com'l Law	18	5	40	Zoology	18	5	40
B. Pe.	8	General Hist.	36	5	40	Book-keeping	18	5	40	Arithmetic	18	5	40
B. Pe.	8	U. S. History	18	5	40	Latin	144	5	40	English History	18	5	40
		Civics	36	5	40	Physiology	18	5	40	Botany	18	5	40
		Physical Geog.	18	5	40	Geometry Solid	18	5	40	Review	18	5	40
		Physics	36	5	40								
		Eng. Lab.	144	5	40								
A. B., M. A., M. Di.	6	Algebra	54	5	40	Physical Geog	18	5	40	Book-keeping	18	5	40
	6	Geometry	54	5	40	Physics	36	5	40	Word Analysis	36	5	40
		Arithmetic	36	5	40	English	144	5	40	Geology	36	5	40
		Gen. History	36	5	40	Physiology	21	5	40	Musio	36	5	40
		U. S. History	36	5	40	Political Econ.	7	5	40	Writing	36	5	40
		Civics	18	5	40	Botany	21	5	40	Drawing	36	5	40
Ph. B.		Algebra	54	5	40	Hist—Roman	7	5	40	Botany	36	5	40
B. S., M. S.		Geometry	54	5	40	Hist—English	18	5	40	Economics	36	5	40
A. B.	2	Arithmetic	36	5	40	Latin	144	5	40	Arithmetic	36	5	40
A. B.		U. S. History	18	5	40	Arithmetic	36	5	40	Physical Geog	36	5	40
		Physics	36	5	40	Physical Geog	36	5	40	Bot. or Zoology	36	5	40
		English	144	5	40	Physics	36	5	40	Chemistry	36	5	40
		Hist—Greek	18	5	40	English	144	5	40	Physiology	18	5	40
					Political Econ.	18	5	40	Geography	18	5	40	
M. S., A. B.	18	Algebra	54	5	40	Botany	18	5	40	Zoology	18	5	40
		Geometry	54	5	40	Latin	144	5	40	Geology	18	5	40
		Arithmetic	18	5	40	Physiology	18	5	40	Book-keeping	18	5	40
		Gen. History	54	5	40	English	144	5	40	Hist—English	18	5	40
		U. S. History	18	5	40	Chemistry	36	5	40				
		Civics	18	5	40								
		Physical Geog.	18	5	40								
B. Ph.	2												
B. A., M. A.													
B. Di M. Di.	6	Algebra	54	5	35	Civics	36	5	35	Political Econ.	18	5	35
B. Di.	6	Geometry	54	5	35	Physical Geog.	36	5	35	Botany	18	5	35
		Arithmetic	36	5	35	Physics	36	5	35	Word Analysis	36	5	35
		Gen. History	36	5	35	English	108	5	35	Astronomy	18	5	35
		U. S. History	18	5	35	Physiology	18	5	35	Spelling	18	5	35
B. Di.	9	Algebra	54	5	40	Civics	36	5	40	Political Econ.	18	5	40
B. A. B. Di.	9	Geometry	7	5	40	Physical Geog	18	5	40	Latin	144	5	40
B. S.	1	Arithmetic	18	5	40	Physics	36	5	40	Reviews	36	5	40
		Gen. History	36	5	40	English	144	5	40				
		U. S. History	18	5	40	Physiology	18	5	40				
M. Di.	2 1/2	Algebra	54	5	35	Civics	18	5	35	German	36	5	35
		Geometry	54	5	35	Physical Geog.	18	5	35	Book-keeping	18	5	35
S. Di.	1	Arithmetic	18	5	35	Physics	36	5	35	Latin	144	5	35
B. Di.		General Hist.	36	5	35	English	36	5	35				
		U. S. History	18	5	35	Physiology	18	5	35				
Ph. B.	8	Algebra	54	5	40	English	120	5	40	German	72	5	40
M. Di.	6	Geometry	54	5	40	Physiology	18	5	40	Arithmetic	18	5	40
Ph. B.	4	General Hist.	36	5	40	Botany	18	5	40	Political Econ.	18	5	40
Ph. B., M. Di.	9	U. S. History	18	5	40	Word Study	36	5	40	Book-keeping	18	5	40
		Civics	18	5	40	Eng. History	18	5	40	Coml. Law	18	5	40
		Physical Geog	18	5	40	Latin	144	5	40				
		Physics	36	5	40								
A. B.	1												
A. B.	1												
B. S., M. Di.	11												

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Waterloo (East)...	E. S. Hamm, Prin	8	Lake Forest U. 4.	.....	Lake Forest A. 2.
	Mary McDuffie	4	.....	I. S. N. S. 2	.....
	Lillian E. Richert	4	.....	I. S. N. S. 2	.....
	Bessie E. Cottrell	5	U. of Wis. 4	.....	.....
	Mary Norton	5	Drake 2, S. U. I. 1	.....	U. of Chi. ½
	Florence L. Joy	5	S. U. I. 4	.....	.....
	Floy M. Bennett	5	.....	I. S. N. S. 2	.....
	Mae Belle Allstrand	5	S. U. I. 3	.....	.....
	Susan Hemmenway	5	.....	I. S. N. S. 2	.....
	Maude Foote	5	.....	I. S. N. S. 2	.....
	O. K. Warne	5	Upper I. U. 4	.....	.....
	Nellie N. Hoxie	4	N. W. U. 2	I. S. N. S. 2	Cornell (N. Y.) summer tr.
	Newton Miller	5	U. of Ind. 5	.....	.....
	Nellie Runyon	4	.....	I. S. N. S. 2½	T. C. Acad. (Vinton)
Waterloo (West) ..	Margaret Montgomery, Prin	8	Muskegan U. 2	I. S. N. S. 4	.....
	Marrie Mason	5	N. W. U. 4	.....	.....
	Evelyn Johnson	5	.....	.....	Ind. U. 1 term
	Jennie Speer	5	.....	I. S. N. S. 4	.....
	Lillian E. Waits	5	S. U. I. 4	.....	.....
	Eleanor Hosofeld	5	S. U. I. 4	.....	.....
	Mrs. D. K. Bond	5	.....	I. S. N. S. 3	.....
Waukon ..	J. H. Bowers Supt.	3	West Va. Univ. ..	Fairmont State ..	Ohio Wesleyan ..
	Lena Donaldson Prin.	5	Upper Ia. Univ. 4	.....	.....
	Leah Ricker	5	.....	.....	Highland P. Col. 4
	Francis Caswell	3	Mich. Univ. ....	.....	.....
Waverly ..	W. F. Cramer	3	Cornell 5, Upper Ia. Univ. 4	.....	.....
	Bertha L. Glattly	5	Univ. Mich. 1	.....	.....
	Viola Knoche	5	.....	I. S. N. S. 2	.....
	Letta D. Horner	7	Drake 1, N. W. Univ. 1	I. S. N. S. 3	.....
	J. D. Robinson	7	Upper Ia. Univ. 4 Univ. Mich. 3	.....	.....
Webster City ..	L. H. Ford	1	Univ. of Wooster Ohio 6	.....	.....
	Mrs. L. Elizabeth Wilson ..	5	Univ. Wisconsin. Cal. S. School	N. E. State Nor.	Newbury Sem...
	Laura A. White	5	Univ. Neb. 4	.....	.....
	F. B. Gainer	3	Monmouth Col. 4	.....	.....
	Beulah Crawford	5	Cornell Col. 4	.....	.....
	Gladys Whitley	5	S. U. I. 4	.....	.....
Wellman ..	Abraham O. Thomas	7	S. U. I. 4	.....	.....
	Clara M. Vermillion	7	S. U. I. 1½	.....	.....

-FOUR YEAR COURSES.

Preparation.		High School Courses.											
Degrees held.	Yrs experience in H.S.	Branches studied.	Number weeks.	Per. per week.	Rec. period.	Branches studied.	Number weeks.	Per. per week.	Rec. period.	Branches studied.	Number weeks.	Per. per week.	Rec. period.
B.	1	Algebra	54	5	4	Caesar	18	5	40	Botany	18	5	40
D.	1	Geometry	54	5	4	Cicero	18	5	40	Zoology	18	5	40
D.	1	Arithmetic	54	5	4	Virgil	18	5	40	Chemistry	18	5	40
A.	2 1/2	General Hist.	36	5	4	Adv. Physiology	18	5	40	Com'l Law of	36	5	40
B.	3	Civics of U. S.	18	5	4	or Botany	18	5	40	German	36	5	40
S., B. D.	3	Physics	36	5	40	Chem. or Ger...	18	5	40	Book keeping	18	5	40
D.	3	English	72	5	4	Eng. History	18	5	40	Geometry-Solid	18	5	40
A.	1	Latin	18	5	4	Political Econ.	18	5	40	Com'l. Course.	40	5	40
D.	1												
S.	1												
A.	1												
B.	2 1/2	Algebra	54	5	4	Political Econ.	18	5	40	Physiology	18	5	40
M. D.	6	Geometry	54	5	4	Botany	18	5	40	Eng. History	36	5	40
B.	7	Arithmetic	18	5	4	Zoology	18	5	40	Com'l. Arith.	18	5	40
A.	7	General Hist.	36	5	4	Latin	144	5	40	Book keeping	18	5	40
D.	4	U. S. History	8	5	40	Physical Geog.	18	5	40	Com'l Geog.	18	5	40
S.	6	Civics	18	5	40					Com'l. Law	18	5	40
B.	8	English	144	5	40	Political Econ.	18	5	40	Geology	18	5	40
	12					Botany	18	5	40	Bookkeeping	18	5	40
B., L. L. B.	6	Algebra	57	5	40	Chemistry	36	5	40	Eng Hist.	36	5	40
	2	Geometry	57	5	40	Latin	132	5	40	Astronomy	18	5	40
A.	1	Gen. Hist.	36	5	40	Word analysis	18	5	40	Eng. Grammar	36	5	40
	1	U. S. History	18	5	40	Physical Geog.	18	5	40	Higher Arith.	36	5	40
	1	Civics of U. S.	18	5	40	English	156	5	40	Zoology	36	5	40
	1	Physics	36	5	40	Physiology	18	5	40	Botany	36	5	40
	1	English	132	5	40	Political Econ.	18	5	40	German	72	5	40
	1	Physiology	18	5	40	Latin	144	5	40	Latin	72	5	40
B., B. S.	26	Algebra	48	5	40	German	72	5	40	Physical Geog.	18	5	40
A.	9	Geometry	48	5	40	Botany	18	5	40	Com'l Course	36	5	40
	1	Arithmetic	54	5	40	English	180	5	40	Bookkeeping	36	5	40
	1	Gen. Hist.	36	5	40	Physiology	18	5	40	Comp & Rhet.	36	5	40
	1	U. S. Hist.	18	5	40	Latin	144	5	40	German	72	5	40
	1	Civics	18	5	40								
	1	Physical Geog.	18	5	40								
B., L. L. B.	2	Physics	36	5	40								
	1	Algebra	54	5	40	English	180	5	40	Bookkeeping	36	5	40
A., M. A.	1	Geometry	54	5	40	Physiology	18	5	40	Comp & Rhet.	36	5	40
	1	Gen. Hist.	72	5	40	Latin	144	5	40	German	72	5	40
	1	U. S. Hist.	36	5	40								
	1	Physics	36	5	40								
	1												
	1												
	1												
	1												
	1												
Ph.	1	Algebra	54	5	40	Civics of U. S.	18	5	35	Political Econ.	18	5	35
	1	Geometry	54	5	40	Physical Geog.	18	5	35	Latin	72	5	35
		Arithmetic	36	5	40	Physics	36	5	40				
		Gen. Hist.	36	5	35	English	144	5	35				

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
West Liberty..	E. F. Schall	2	Univ. of Mich 2..	.....	3. U. I. 4 Sum. Sessions
	Emma Henderson	5	U. of Chi. 4. ....	.....	Chautauque N.
	Maude Smith	5	S. U. I. 4. ....	.....	.....
	Pearl VanTuyt	6	.....	I. S. N. S. 3.....	.....
	Edith W. Merritt.....	2	S. U. I. 6. ....	.....	.....
West Union...	James C. Sanders	4	Coe Col 3 S. U. I. 1	.....	.....
	Elizabeth Kaye	6	Western Col 1. ...	I. S. N. S 1.....	.....
	Otto V. Wille	6	Upper Iowa Uni. 1	I. S. N. S 3 .....	.....
	Nelle B. Sebern.....	6	S. U. I. 4. ....	.....	.....
	Mr. Dykens.....	1	S. U. I. 4. ....	.....	.....
	Helen Craft.....	2	.....	.....	.....
	Jessie Sherman.....	1	.....	.....	.....
What Cheer...	John E. Witmer	5	Iowa Col. 4. ....	.....	S. U. I. 1 term of Chi. 2 term
	Effie Rolles	7	.....	I. S. N. S.....	.....
	Martha Meacham	4	S. U. I. 1.	I. S. N. S 1.....	.....
Whiting ..	F. H. Stewart.....	7	.....	I. S. N. S. 3 .....	.....
	Alice Morgan	9	Bellevue Col. 3. ...	.....	.....
Williams..	E. E. Bovee	10	.....	Central State Nor. of Mich 4..	U. of Mich 18u
	Irene M. Campbell.....	10	Drake 3. ....	.....	.....
Williams- burg..	N. E. Johnson	4	.....	.....	.....
	Mrs. T. W. Tomasek.	6	S. U. I. 5. ....	.....	.....
	Signy Veblen.....	6	S. U. I. 5. ....	.....	.....
Wilton Jct	Will. A. Pye	5	Cornell Col. 4....	.....	.....
	Mary Buffan.....	7	S. U. I. 4. ....	.....	.....
	Ethel Conn.....	6	Drake 4. ....	.....	.....
Winfield ..	Francis G. Robb.....	5	Parsons Col. 4 .....	.....	Grad. Work U. Wis. Sum. Sc. S. U. I. 8u. 8u
	Martha Pattie.....	7	Beuna Vista Col. 2 S. U. I. 2 .....	.....	Iowa State Col
	Ruth E. Erwin.....	4	Simpson Col. 2½..	.....	.....
Winterset.	L. D. Salisbury.....	2	.....	Dip. in Sp'l Adv. Music I. S. N. S. 8	.....
	Emory D. Bream.....	3	Pa. Col. 4 .....	.....	S. U. I. S. 8u. 8u
	Elizabeth Mayor	6	Jarthage Col. 4..	.....	Car. C. Su. N. S
	Esther L. Cooper.....	5	S. U. I. 4. ....	.....	.....
	Katharine Zeller.....	6	Simpson Col. 4 .....	.....	.....
	Effie Turner.....	1	.....	I. S. N. S. 2 Sum.	Drake Sum. 8u

FOUR YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.											
		Branches studied.	Number weeks	Rec. per week	Rec. period.	Branches studied.	Number weeks	Rec. per week	Rec. period.	Branches studied.	Number weeks	Rec. per week	Rec. period.
B. S.	22	Algebra	54	5	35	Physics	58	5	35	Civics	18	5	35
B. S.	1	Geometry	54	5	35	English	44	5	35	Political Econ	18	5	35
B. S.	1	Arithmetic	36	5	35	Book keeping	18	5	35	German	72	5	35
B. S.	1	General Hist.	54	5	35	Latin	144	5	35				
B. S.	1	U. S. History	36	5	35								
B. S.	1	Physical Geog	18	5	35								
B. S. M. D.	15	Algebra	72	5	45	Pennanship	36	5	40	Economics	18	5	45
B. S. M. D.	5	Geometry	54	5	45	Spelling	36	1	30	Physiography	18	5	45
B. S. M. D.	5	Arithmetic	18	5	45	Com'l law	18	5	45				
B. S. M. D.	5	U. S. History	18	5	45	Latin	144	5	45	Geo. Drawing	36	5	60
B. S. M. D.	5	Civics of U. S.	18	5	45					Stenography	36	5	60
B. S. M. D.	5	Physics	36	5	45	Ancient Hist	36	5	45	German	72	5	45
B. S. M. D.	5	English	162	5	45	Med. Mod. Hist.	36	5	45	Typewriting	36	5	40
B. S. M. D.	5	Botany	36	5	45	English Hist.	18	5	45				
B. S. M. D.	5	Book-keeping	18	5	45								
B. S.	4	Algebra	54	5	35	Civics	18	5	35	Political Econ	18	5	35
B. S.	4	Geometry	54	5	35	Physical Geog	20	5	35	Ger or Latin	108	5	35
B. S.	4	Arithmetic	18	5	35	Physics	36	5	35	Book keeping	18	5	35
B. S.	4	General Hist.	36	5	35	English	108	5	35				
B. S.	4	U. S. History	18	5	35	Physiology	18	5	35				
B. S.	8	Algebra	54	5	40	Civics of U. S.	18	5	40	Political Econ	12	5	40
B. S.	8	Geometry	54	5	40	Physical Geog	24	5	40	Botany	18	5	40
B. S.	8	Arithmetic	14	5	40	Physics	36	5	40	Book-keeping	18	5	40
B. S.	8	General Hist.	36	5	40	English	10	5	40	Latin	72	5	40
B. S.	8	U. S. History	12	5	40	Physiology	12	5	40				
B. S.	8	Algebra	108	5	30	Civics	18	5	30	Political Econ	18	5	40
B. S.	8	Geometry	54	5	40	Physical Geog	18	5	30	Botany	18	5	40
B. S.	8	Arithmetic	36	5	30	Physics	36	5	30	Geography	36	5	40
B. S.	8	General Hist.	36	5	40	English	108	5	30	Book keeping	18	5	40
B. S.	8	U. S. History	36	5	30	Physiology	18	5	30	Latin	44	5	30
B. S.	10	Algebra	54	5	50	U. S. History	18	5	50	English	50	5	50
B. S.	7	Geometry	54	5	50	Civics	24	5	50	Physiology	18	5	50
B. S.	7	Arithmetic	36	5	50	Physical Geog	18	5	50	Political Econ	8	5	50
B. S.	7	Gen. History	36	5	50	Physics	36	5	50	Latin	108	5	50
B. S.	4	Algebra	54	5	35	Physics	36	5	35	Chemistry	18	5	35
B. S.	4	Geometry	54	5	35	English	116	5	35	Reviews	27	5	35
B. S.	4	Arithmetic	27	5	35	Physiology	18	5	35				
B. S.	4	Gen. History	36	5	35	Political Econ	9	5	35	Book-keeping	18	5	35
B. S.	4	U. S. History	18	5	35	Beginning Latin	26	5	35	Com'l Law	18	5	35
B. S.	4	Civics	18	5	35	Latin	108	5	35				
B. S.	4	Physical Geog	36	5	35								
B. S.	8	Algebra	54	5	35	Civics	36	5	35	Political Econ	18	5	35
B. S.	8	Geometry	54	5	35	Physical Geog	18	5	35	Botany	18	5	35
B. S.	8	Arithmetic	36	5	35	Physics	36	5	35	Book-keeping	18	5	35
B. S.	8	Gen. History	36	5	35	English	144	5	35	Latin	72	5	35
B. S.	8	U. S. History	18	5	35	Physiology	18	5	35				
B. S.	1												
B. S.	1	Algebra	54	5	40	Physics	36	5	40	Book-keeping	18	5	40
B. S.	1	Geometry	54	5	40	English	144	5	40	Botany	18	5	40
B. S.	1	Arithmetic	36	5	40	Physiology	18	5	40	German	72	5	40
B. S.	1	Gen. History	36	5	40	Political Econ	18	5	40	Eng. History	18	5	40
B. S.	1	U. S. History	18	5	40	Music	36	5	40	Political Econ	18	5	40
B. S.	1	Civics	18	5	40	Latin	144	5	40				
B. S.	1	Physical Geog	18	5	40								

HIGH SCHOOL STATISTI

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Batavia ..	Anna Rowland.....	18	O. C. Col. 3 I. S. Col. 1.....		St. Kathryn'
Baxter....	H. A. Crawford.....	11	Western Col. 1 I. S. Col. 8½....	I. S. N. S. ½.....	
Bayard....	I. M. Boggs.....	6			Caldwell Nor (Ohio).....
	John Corregan.....	2			
Bellevue ..	B. S. Arquith.....	5		I. S. N. S. 4.....	
	E. O. Knox.....	7	Coe Col. 4.....		
	A. K. Eovard.....	4			
Blanchard.	Aletha Montgomery.....	6		I. S. N. S. 1.....	Washington
	Ethel J. Purinton.....			Neb. State Nor. 4 (Peru)	
Boyden ...	H. P. Mowrer				Western Nor
Bristow...	W. W. Crawford.....	1	Iowa State 1½....	I. S. N. S. 2.....	
Cam- bridge..	W. H. Davis	11		I. S. N. S. 3.....	
	W. W. Ballard..... (One class in 9th grade.)	4			
Carlisle ...	W. M. McGee.....	12			
Casey.....	J. O. Huntley	7		I. S. N. S. 4.....	
	Bessie Johnson.....	7	Iowa Col 4.....		
Castana...	W. E. Atkinson	8	S. U. I. 2.....		
	Harry Biddinger.....	6		Rochester Ind. 2	Vorhies Bus. Indianapolis 1
	Selina Pendleton Wilson...	6		Woman's Col Bal- timore 4.....	
Chelsea....	H. M. Tiffany	12			Palmer Col 1

OUR YEAR COURSES.

Degree held.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	26	Algebra	80	5	16	Physical Geog. .	20	5	1				
.....	20	Geometry	80	5	16	Physics	40	5	35	Latin	40	5	26
B. D.	11	Arithmetic.	80	5	16	English	16	5	3	Book-keeping...	20	5	70
ed.....	12	Gen. History	40	5	15	Physiology	8	5	35	Botany	20	5	35
		U. S. History	20	5	15	Political Econ.	20	5	35	German	80	5	35
	2	Civics	20	5	35					Chemistry	20	5	35
	8												
1	4	Algebra	60	5	35	Civics	24	5	35	Political Econ ..	18	5	40
	15	Geometry	30	5	40	Physical Geog. .	24	5	35	Botany	10	5	45
		Arithmetic.	12	5	35	Physics	36	5	4	Hist. Ancient. .	30	5	40
		U. S. History	18	5	1	English	108	5	4	Book-keeping ..	18	5	35
1		Algebra	40	5	35	Physics	20	5	25	H. of Education	12	5	25
1	2	Geometry	20	5	25	English	20	5	2	H. of Eng. Lit.	8	5	25
		Arithmetic.	10	5	25	Physiology	24	5	15	Book-keeping ..	20	5	50
		Gen. History	20	5	35	Political Econ. .	10	5	25	Typing	144	7	25
		U. S. History	20	5	35	Botany	8	5	25	Latin	36	5	25
		Civics	28	5	15	Chemistry	24	5	50				
		Physical Geog	34	5	35	Psychology	18	5	25				

Note: The subjects in the preceding courses are arranged in groups, separated by blank lines. The first group is pursued by all pupils; the remaining groups are supplemental and determine the character of the course.

HIGH SCHOOL STATIS

High School.	Name of instructors.	Number of period.	Preparation.		
			Years in College or university.	Years in a State Normal.	Years in other institutions above high
Ainsworth	R. S. Dix.....			I. S. N. S 4	
Albion	F. H. Tigert	7		I. S. N. S. 3.....	
	Mrs. W. B. Mantle.....	8	Cornell Col 4.....		
Allison	J. P. Street.....	8			Decorah Im
Anthon ...	Paul J. Scarbro. ..	8		I. S. N. S 1.....	Highland F
	Nellie Ray.....	9		I. S. N. S 1.....	Morningsid
Aplington	A. C. Voelker	12		Oen'al State Nor. Mt Pleasant Mch 8	
Arcadia. ..	Ernest Walker.....	12		I. S. N. S 3.	
Aurelia ..	Chas. D. Curtis.....	6	Hillsdale Col. 2 (Mch), DrakeU.3		
	Lottie Farr.....	6		I. S. N. S. 8.....	
Bagley	Elmer E. Franklin.....	12		I. S. N. S. 8.....	West N (Shed)
Baldwin ..	D. S. Welch.....	13			
Bancroft..	Sid J. Backus.....	6	Drake (Sum) 5....		Tobin
	Mary L. Sutton.	8	Cornell.....	I. S. N. S. 1.....	
	Mary Ring.....	2			

EE YEAR COURSES.

Men.	High School Courses.												
Degree held.	Yr's experience in H.S.	Branches studied.			Number weeks.	Wks. per week.	Rec. period.	Branches studied.			Number weeks.	Wks. per week.	Rec. period.
.....	X	Algebra	50	5	30	Civics	18	5	25	Botany	18	5	30
		Geometry	54	5	30	Physical Geog. ..	18	5	25	Book-keeping ..	54	5	30
		Arithmetic	18	5	30	English	54	5	25	Spelling	54	5	30
		General Hist. ..	50	5	30	Physiology	18	5	25	Latin	54	5	30
		U. S. History ..	18	5	25	Political Econ. ..	18	5	25				
.....	4	Algebra	25	5	40	Civics	28	5	30	Political Econ. ..	18	5	30
.....	7	Geometry	72	5	40	Physical Geog. ..	18	5	30	Botany	20	5	30
		Arithmetic	24	5	30	Physics	28	5	30	Geology	20	5	30
		General Hist. ..	8	5	30	English	44	5	30	Latin	72	5	30
		U. S. History ..	86	5	30	Physiology	126	5	30				
.....	2	Algebra	54	5	45	U. S. History	18	5	30	English	126	5	30
		Geometry	54	5	45	Civics	26	5	30	Physiology	18	5	30
		Arithmetic	18	5	45	Physical Geog. ..	18	5	30	Political Econ. ..	18	5	30
		General Hist. ..	38	5	45	Physics	25	5	45				
.....	8	Algebra	52	5	30	Civics	25	5	40	Political Econ. ..	28	5	30
.....	1	Geometry	56	5	30	Physical Geog. ..	20	5	30	Botany	18	5	30
		Arithmetic	26	5	25	Physics	28	5	30	Orthography ..	14	5	30
		General Hist. ..	24	5	25	English	24	5	30	Book-keeping ..	10	5	30
		U. S. History ..	8	5	25	Physiology	18	5	30				
.....	4	Algebra	72	5	30	Civics	24	5	25	Book-keeping ..	12	5	40
.....		Geometry	26	5	25	Physical Geog. ..	21	5	30	Orthography ..	26	5	15
		Arithmetic	34	5	25	Physics	26	5	30	Penmanship	26	5	30
		General Hist. ..	26	5	30	English	26	5	25				
		U. S. History ..	12	5	30	Physiology	26	5	30				
.....	1	Algebra	72	5	30	Civics	20	5	20	Political Econ. ..	12	5	25
		Geometry	26	5	25	Physical Geog. ..	26	5	30	Botany	18	5	25
		Arithmetic	40	5	30	Physics	24	5	25	Book-keeping ..	18	5	25
		General Hist. ..	55	5	25	English	144	5	25				
		U. S. History ..	24	5	30	Physiology	26	5	30				
.....	3	Algebra	54	5	40	Civics	18	5	40	Political Econ. ..	12	5	40
.....	3	Geometry	54	5	40	Physical Geog. ..	18	5	40	Botany	12	5	40
.....	3	Arithmetic	36	5	40	Physics	24	5	40	Book-keeping ..	18	5	40
		Gen. History ..	36	5	40	English	20	5	40	Latin	72	5	40
		U. S. History ..	36	5	40	Physiology	18	5	40				
.....	4	Algebra	51	5	30	Civics	20	5	30	Physiology	16	5	30
.....	4	Geometry	56	5	30	Physical Geog. ..	25	5	30	Political Econ. ..	18	5	30
		Arithmetic	54	5	30	Physics	26	5	30				
		Gen. History ..	26	5	30	English	53	5	30				
.....	18	Algebra	48	5	30	Civics	52	5	20	Political Econ. ..	28	5	30
		Geometry	56	5	30	Physical Geog. ..	20	5	20	Orthography ..	16	5	30
		Arithmetic	24	5	30	Physics	28	5	30	Latin	44	5	30
		Gen. History ..	56	5	30	English	72	5	30				
		U. S. History ..	24	5	30	Physiology	30	5	30				
.....	10	Algebra	36	5	35	Civics	26	5	35	Political Econ. ..	18	5	35
.....	4	Geometry	39	5	35	Physical Geog. ..	18	5	35	Botany	18	5	30
.....	5	Arithmetic	56	5	35	Physics	26	5	40	Zoology	18	5	30
		Gen. History ..	38	5	30	English Lit.	126	5	15				
		U. S. History ..	18	5	30	Physiology	18	5	35				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Batavia ..	Anna Rowland.....	15	O. C. Col. 3 I. S. Col. 1.....		St. Kathryn's 3..
Baxter....	H. A. Crawford.....	11	Western Col. 1 I. S. Col. 5½.....	I. S. N. S. ½.....	
Bayard....	I. M. Boggs.....	6			Caldwell Nor. 3 (Ohio).....
	John Corregan.....	2			
Bellevue ..	B. S. Arquith.....	5		I. S. N. S. 4	
	E. O. Knox.....	7	Coe Col. 4.....		
	A. K. Povard.....	4			
Blanchard.	Aletha Montgomery.....	6		I. S. N. S. 1.....	Washington A. 4.
	Ethel J. Purinton.....			Neb. State Nor. 4 (Peru)	
Boyden ...	H. P. Mowrer				Western Normal.
Bristow...	W. W. Crawford.....	1	Iowa State 1½.....	I. S. N. S. 2.....	
Cam- bridge..	W. H. Davis	11		I. S. N. S. 3.....	
	W. W. Ballard..... (One class in 9th grade.)	4			
Carlisle ...	W. M. McGee.....	12			
Casey.....	J. O. Hantley	7		I. S. N. S. 4	
	Bessie Johnson.....	7	Iowa Col 4.....		
Castana...	W. E. Atkinson	8	S. U. I. 2.....		
	Harry Biddinger.....	6		Rochester Ind. 2	Vorhies Bus. Col Indianapolis 1.....
	Selina Pendleton Wilson...	6		Woman's Col Bal- timore 4.....	
Chelsea....	H. M. Tiffany	12			Palmer Col 1 term

THREE YEAR COURSES.

Education.		High School Courses.											
Degree held.	Yrs experience in H.S.	Branches studied.			Number weeks.	Rec. per week.	Rec. period.	Branches studied.			Number weeks.	Rec. per week.	Rec. period.
B	2	Algebra	48	5	30	Civics	24	5	30	Political Econ.	16	5	30
		Geometry	32	5	30	Physical Geog. ..	16	5	30	Botany	16	5	30
		Arithmetic	32	5	30	Physics	32	5	30	Latin	32	5	30
		Gen. History	32	5	30	English	32	5	30				
		U S History	32	5	30	Physiology	16	5	30				
	6	Algebra ...	5	5	25	Physical Geog.	16	5	25	Ancient Hist. ..	16	5	25
		Geometry	32	5	25	English	72	5	25	Latin	72	5	25
		Arithmetic	14	5	25	Physiology	14	5	25				
		Civics	36	5	30	Political Econ. ..	16	5	25				
	12	Algebra ...	72	5	40	U S History ..	12	5	40	English	90	5	40
		Geometry	32	5	40	Civics	14	5	40	Physiology	16	5	40
		Arithmetic	18	5	40	Physical Geog. ..	14	5	40	Political Econ. ..	16	5	40
		Gen. History	36	5	40	Physics	36	5	40				
Di.	4	Algebra	50	5	25	Physics	56	5	25	Botany	16	5	25
	8	Geom—Plane	32	5	35	English	72	5	35	Latin—Beginn'g	36	5	25
	1	Gen. History	32	5	35	Physiology	72	5	35	Greek	36	5	35
		Civics of U S	16	5	35	Political Econ. ..	12	5	35	Virgil	36	5	35
		Algebra ...	72	5	40	Gen. History ..	36	5	35	English Lit. ..	108	5	40
		Geometry	28	5	40	Physical Geog. ..	24	5	40	Political Econ. ..	8	5	40
		Arithmetic	36	5	40	Physics	32	5	40				
		Algebra	50	5	30	Physical Geog.	30	5	25	Book-keeping ..	16	5	25
		Geometry	32	5	30	Physics	32	5	25	Music	32	5	30
		Arithmetic	32	5	25	English	14	5	25	Latin	36	5	25
		General Hist. ..	32	5	25	Physiology	16	5	25				
		Civics	36	5	25	Political Econ. ..	20	5	25				
M	2	Algebra	32	5	30	Civics	30	5	30	Political Econ. ..	16	5	30
		Geometry	32	5	30	Physical Geog.	16	5	20	Botany	16	5	30
		Arithmetic	32	5	30	Physics	36	5	30	Book-keeping ..	16	5	30
		General Hist. ..	36	5	30	English	32	5	30				
		U S History	16	5	30	Physiology	14	5	20				
	4	Algebra	50	5	25	U. S. History ..	36	5	25	Physiology	16	5	25
		Geometry	30	5	25	Civics of U S ..	24	5	25	Political Econ. ..	16	5	25
		Arithmetic	14	5	25	Physical Geog. ..	16	5	25	Botany	16	5	25
		General Hist. ..	36	5	25	English	32	5	25	Latin	32	5	25
		Algebra	54	5	30	Civics	36	5	30	Physiology	16	5	30
		Geometry	30	5	30	Physical Geog. ..	16	5	25	Political Econ. ..	16	5	30
		General Hist. ..	32	5	35	Physics	36	5	25	Botany	16	5	30
		U. S. History ..	36	5	30	Eng. Literature	108	5	25	Zoology	16	5	30
Di	4	Algebra	54	5	40	U S History ..	16	5	35	English	108	5	35
	1	Geometry	36	5	40	Civics	16	5	40	Political Econ. ..	20	5	40
		Arithmetic	36	5	35	Physical Geog. ..	30	5	35				
		Gen. History ..	36	5	35	Physics	36	5	35				
	20	Algebra	5	5	35	Physics	32	5	35	Chemistry	32	5	70
		Geometry	50	5	25	English	32	5	35	Book-keeping ..	16	5	35
		Gen. History ..	32	5	35	Political Econ. ..	16	5	35				
		Civics	24	5	35					Didactics	16	5	35
		Phys. Geog. ..	16	5	35	German	72	5	35				
	8	Algebra	34	5	25	U S History ..	32	5	25	English	103	5	25
		Geometry	36	5	35	Civics	27	5	30	Political Econ. ..	9	5	25
		Arithmetic	34	5	25	Physical Geog. ..	27	5	35				
		Gen. History ..	36	5	25	Physics	35	5	35				

HIGH SCHOOL STATISTICS

High school.	Names of instructors	Number of periods	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Elkport....	Frank R. Johnson.....	20	.....	.....	High. Park (
Elliott. ..	B. F. Westcoat.....	6	.....	.....	West. Nor. (
	Nellie M. Scott.....	6	.....	I. S. N. S. 2½ ..	High Park O
Ellston .	T. D. Kirkpatrick.....	10	Simpson ¾ .....	.....	.....
Essex	M. N. White.....	6	Simpson Col. 4. ....	.....	Dexter Nor.
	Sadie Seablom.....	7	Neb. Univ 1.	I. S. N. S. 2½ ...	Simpson Ac S U. I. Sum. West. Nor. (
Everly	F. B. Steece.....	9	Dixon Ill. Col. 1..	I. S. N. S. 1½.....	Blairstown S Tilford Acad
Fairbank..	A. R. McQueen.....	..	Iowa Col. 1	I. S. N. S. 6 mo..	Dixon, Ill. 1
Farragut..	C. P. Beale	8	Loneboard Col. 5 (Galesburg Ill.)..	.....	.....
Fremont...	Charles Young.....	7	S. U. I. 2 Sum. T.	I. S. N. S. 3 terms	Abington No
	Lida Taylor.....	8	Drake 2.....	.....	(Ill.).....
Garrison. .	E. R. Hutchinson.....	10	S. U. I. 8.....	.....	.....
Garwin ...	E. M. Wilcox.....	..	.....	I. S. N. S. 2 .....	.....
Gilman ...	D. A. Tisdale.....	8	.....	I. S. N. S 2.....	.....
	L. C. Knupp	12	S. U. I. 2 .....	.....	.....

ONE YEAR COURSES.

Degree held.	Yr's experience in S. S.	High School Courses.											
		Branches studied.			Number weeks.			Branches studied.			Number weeks.		
			Number weeks.	Rec. per week.	Rec. period.		Number weeks.	Rec. per week.	Rec. period.		Number weeks.	Rec. per week.	Rec. period.
	15	Algebra	72	5	35	Civics	24	5	35	Political Econ..	11	5	35
		Geometry	86	5	35	Physical Geog.	10	4	35	Music	108	5	35
		Arithmetic	86	5	35	Physics	26	4	35	Latin	108	5	35
		Gen. History..	86	5	75	English.	82	5	35				
	21	Algebra	84	5	40	U. S. History....	18	5	55	English	82	5	35
		Geometry	84	5	40	Civics	20	5	55	Physiology	14	5	35
		Arithmetic	84	5	40	Physical Geog.	18	5	35	Political Econ..	16	5	40
		Gen. History ..	84	5	40	Physics	84	5	40	Book-keeping .	16	5	40
	6	Algebra	48	5	30	English	60	5	20	Elocution	12	5	30
		Geometry	80	5	30	Political Econ.	12	5	25	Book-keeping .	12	5	30
		General Hist..	86	5	40	Botany	24	5	30	Latin	108	5	30
		Civics	12	5	30	Mental Arith.	12	5	30				
		Physics	88	5	30	Word Analysis..	12	5	30				
	1½	Algebra	44	5	30	Civics	26	5	30	Political Econ	20	5	30
		Geometry	82	5	30	Physical Geog. ..	20	5	35	Book-keeping .	16	5	30
		Arithmetic	86	5	30	Physics	26	5	30	Com'l. Law. ..	16	5	35
		General Hist .	86	5	20	English	72	5	30	Writing	82	5	30
		U. S. History..	28	5	30	Physiology	16	5	30				
	5	Algebra	64	5	30	Physical Geog.	20	5	30				
	4	Geometry	86	5	45	Physics	20	5	40	Latin	26	5	35
		Arithmetic	4	5	8	English	92	5	35				
		General Hist..	26	5	30	Physiology	28	5	30	Book-keeping .	20	5	45
		U. S. History and Civics	36	5	40	Political Econ.	16	5	40	Botany	8	5	45
	2	Algebra	72	4	30	Civics	18	4	30	Physiology	86	4	30
		Geometry	86	4	30	Physical Geog.	16	5	30	Political Econ.	86	4	30
		Arithmetic	86	4	30	Physics	36	4	30				
		U S History ..	86	4	30	English	72	4	30				
	1	Algebra	48	5	30	U. S. History....	48	5	30	English	112	5	35
		Arithmetic	48	5	30	Civics	82	4	25	Orthography .	52	5	35
		Gen History..	84	4	25	Physical Geog.	16	5	25	Latin	82	5	30
	12	Algebra	48	5	30	Civics	40	5	30	Physiology	20	5	30
		Arithmetic	68	5	30	Physical Geog.	20	5	40	Political Econ..	20	5	30
		Gen. History..	48	5	30	Physics	20	5	30				
		U. S. History..	20	5	30	English	40	5	30				
	1	Algebra	89	5	35	U. S. History....	24	5	35	English	108	5	30
		Geometry	24	5	35	Civics	26	5	30	Physiology	18	5	30
		Arithmetic	72	5	30	Physical Geog.	18	5	30	Political Econ..	16	5	30
		Gen. History..	24	5	30	Physics	36	5	30	Latin	72	5	35
	2	Algebra	66	5	40	Physical Geog.	18	5	30	Book-keeping .	14	5	30
		Geometry	34	5	30	Physics	86	5	30	Orthography and			
		Arithmetic	18	5	30	English	90	5	30	Orthography	86	5	15
		Gen. History..	36	5	30	Political Econ ..	18	5	20				
		Civics.	38	5	20	Botany	16	5	30				
	.....	Algebra	54	5	30	Civics	26	5	30	English	108	5	30
	.....	Arithmetic	18	5	20	Physical Geog.	18	5	20	Physiology	36	5	30
	.....	Gen. History..	36	5	20	Physics	86	5	20	Political Econ	36	5	20
	8	Algebra	62	5	30	Civics	62	5	30	Political Econ ..	24	5	30
		Geometry	80	5	30	Physical Geog.	82	5	30	Music	86	5	30
		Arithmetic	62	5	30	Physics	86	5	30	Spelling	36	5	15
		Gen History ..	36	5	30	English	108	5	30				
		U. S. History..	84	5	30	Physiology	4	5	30				

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Davis City	J. W. Long	10	.....	.....	West'rn Nor. (H. Park Col.
Dayton ...	Chas. E. Kroesen	7	.....	I. S. N. S. 8 .....	.....
	Mae B. Kimple	8	S. U. I. 4 .....	.....	.....
Dedham ..	Josephine I. Bruce	13	.....	I. S. N. S. sum. t'm	Shenandoah ...
Deep River ...	M. F. Morgan	12	Drake .....	.....	.....
Defiance ..	Jas. H. Seymour	10	Drake 1	I. S. N. S. 2	Woodbine Nor.
Delmar ...	W. E. Rorabough .....	.....	.....	I. S. N. S 3 .....	.....
De Soto...	B. M. Cobb	12	.....	I. S. N. S .....	.....
Dewitt....	Margaret Buchanan	8	.....	.....	.....
	Delia Reilley	9	.....	.....	U. of Chi. 1 ter
Diagonal..	L. M. Burgess .....	.....	.....	I. S. N. S 2	Iowa Bus. Col.
Deon.....	Fred A. Beyl	11	Franklin Col. 1 ..	.....	Breden Normal
	Lydia Hope	10	Ind. U of Chi. 3½ ..	.....
Duncombe	I. C. Lovejoy	16	Coe Col. 1	I. S. N. S. 1	Humbolt Col.
Earlville ..	Guy Ribble	12	.....	I. S. N. S. 8	Western Col.
Elgin.....	J. H. Williams .....	.....	Grove Cy. Col. 2 ..	Slippery Rock Normal. 8 .....	.....

THREE YEAR COURSES.

Degree held.		Yr's experience in H.S.	High School Courses.											
			Branches studied.			Number weeks.	Wks. per week.	Rec. period.	Branches studied.			Number weeks.	Wks. per week.	Rec. period.
M. L.	.....	4	Algebra	48	5	30	General Hist	32	5	30	Physical Geog..	81	5	30
			Geometry	15	5	30	U. S. History	32	5	30	Physics	32	5	30
			Arithmetic	96	5	30	Civics	32	5	30	English	96	5	30
M. L.	.....	5	Algebra	54	5	30	Civics	28	5	30	Latin	72	5	30
			Geometry	24	5	30	Physical Geog	28	5	30				
			Arithmetic	18	5	30	Physics	20	5	30				
.....	.....	6	General Hist	36	5	30	English	108	5	30				
			Algebra	40	5	30	U. S. History	36	5	30	Physics	81	5	30
			Arithmetic	72	5	30	Civics	36	5	30	English	96	5	30
.....	.....	7	General Hist	36	5	30	Physical Geog	16	5	30	Political Econ	20	5	30
			Algebra	44	5	30	Civics	19	5	30	Political Econ	18	5	25
			Geometry	36	5	30	Physical Geog	18	5	25	Botany	18	5	25
.....	.....	8 1/2	Arithmetic	36	5	30	Physics	18	5	30	Book-keeping	12	5	30
			General Hist	88	5	25	English	48	5	30	Latin	72	5	25
			U. S. History	35	5	25	Physiology	11	5	25				
.....	.....	9 1/2	Algebra	72	5	30	Civics	30	5	30	Political Econ	20	5	30
			Arithmetic	72	5	30	Physical Geog	33	5	30	Botany	16	5	30
			General Hist	14	5	30	Physics	36	5	30	Book-keeping	18	5	40
M. L.	.....	9	U. S. History	68	5	30	English	55	5	30				
			Algebra	78	5	30	Physics	84	5	23	Book-keeping	15	5	30
			Geometry	36	5	30	English	12	5	30	Arithmetic	15	5	30
.....	.....	10	General Hist	36	5	30	Political Econ	18	5	30				
			U. S. History	15	5	30	Latin	36	5	30				
			Physical Geog	18	5	30								
.....	.....	11	Algebra	64	5	25	Civics	19	5	30	Physiology	15	5	25
			Geometry	51	5	25	Physical Geog	15	5	30	Political Econ	18	5	25
			Arithmetic	18	5	25	Physics	30	5	30				
.....	.....	12	General Hist	36	5	30	English	108	5	25				
			Algebra	51	5	30	Civics	18	5	30	Political Econ	18	5	30
			Geometry	36	5	30	Physical Geog	13	5	30	Book-keeping	15	5	30
.....	.....	13	Arithmetic	18	5	30	Physics	36	5	25	Spelling	72	5	30
			General Hist	36	5	30	English	94	5	30	Word Analysis	72	5	30
			U. S. History	18	5	30	Physiology	18	5	30	Latin	108	5	30
.....	.....	14	Algebra	36	5	25	Physical Geog	30	5	30	Eng. History	18	5	25
			Arithmetic	19	5	25	Physics	36	5	30	Book-keeping	19	5	35
			General Hist	36	5	25	English	144	5	25	Drawing	18	5	30
.....	.....	15	U. S. History	36	5	30	Physiology	36	5	30	Spelling	36	5	30
			Civics	36	5	30	Political Econ	16	5	25	Penmanship	18	5	30
B. B. D., B. E.	.....	.....	Algebra	54	5	30	Civics	18	5	30	Botany	15	5	30
			Geometry	36	5	30	Physical Geog	18	5	30	Book-keeping	18	5	30
			Arithmetic	19	5	30	Physics	36	5	30	Latin	36	5	30
.....	.....	.....	General Hist	36	5	30	English Lit	108	5	30				
			U. S. Hist	15	5	30	Political Econ	18	5	30				
.....	.....	4	Algebra	72	5	30	Physical Geog	44	5	25	Political Econ	18	5	25
			Arithmetic	24	5	30	Physics	36	5	30	Botany	15	5	30
			U. S. History	28	5	30	English	90	5	30	Book-keeping	18	5	30
.....	.....	.....	Civics	15	5	30	Physiology	36	5	30	Latin	36	5	30
.....	.....	1	Algebra	64	5	30	U. S. History	28	5	30	English	68	5	30
			Geometry	44	5	30	Civics	36	5	30	Physiology	36	5	30
			Arithmetic	54	5	30	Physical Geog	36	5	30	Political Econ	16	5	30
.....	.....	.....	General Hist	36	5	30	Physics	36	5	30				
.....	.....	.....	Algebra	54	5	30	U. S. History	32	5	30	English	180	5	30
			Geometry	36	5	30	Civics	36	5	30	Physiology	36	5	25
			Arithmetic	36	5	30	Physical Geog	34	5	30	Political Econ	36	5	30
.....	.....	.....	General Hist	36	5	30	Physics	36	5	30	Latin	36	5	30

HIGH SCHOOL STATISTICS

High school.	Names of instructors	Number of periods	Preparation.		
			Year in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Elkport....	Frank R. Johnson.....	20	.....	.....	High. Park Col. 3
Elliott. ..	B. F. Westcoat.....	6	.....	.....	West. Nor. Col. 3
	Nellie M. Scott.....	6	.....	I. S. N. S. 2½ ..	High Park Col. ½
Ellston .	T. D. Kirkpatrick.....	10	Simpson ¾ .....	.....	.....
Essex	M. N. White.....	6	Simpson Col. 4. ....	.....	Dexter Nor. Col. 1
	Sadie Seablom.....	7	Neb. Univ 1.	I. S. N. S. 2½ ...	Simpson Acad. 2 S. U. I. Sum. Work West. Nor. Col. 1
Everly	F. B. Steece.....	9	Dixon Ill. Col. 1..	I. S. N. S. 1½.....	Blairstown Sem ¾ Tilford Acad. ½..
Fairbank..	A. R. McQueen.....	..	Iowa Col. 1	I. S. N. S. 6 mo..	Dixon, Ill. 1
Farragut..	C. P. Beale	8	Loneboard Col. 5 (Galesburg Ill.)..	.....	.....
Fremont...	Charles Young.....	7	S. U. I. 2 Sum. T.	I. S. N. S. 3 terms	Abington Nor. 2 (Ill.).....
	Lida Taylor.....	8	Drake 2.....	.....	.....
Garrison. .	E. R. Hutchinson.....	10	S. U. I. 3.....	.....	.....
Garwin ...	E. M. Wilcox.....	..	.....	I. S. N. S. 2 .....	.....
Gilman ...	D. A. Tisdale.....	8	.....	I. S. N. S. 2.....	.....
	L. C. Knupp	12	S. U. I. 2 .....	.....	.....

LEE YEAR COURSES.

Hoe.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Less per week.	Less period.	Branches studied.	Number weeks.	Less per week.	Less period.	Branches studied.	Number weeks.	Less per week.	Less period.
3.8.	6	Algebra	12	5	30	U. S. History ..	36	5	30	Physiology	36	5	30
		Geometry or Literature	36	5	30	Civics	72	5	30	Political Econ..	36	5	30
		Arithmetic. ..	72	5	30	Physical Geog. ..	36	5	30				
		General Hist. ..	36	5	30	Physics	36	5	30				
	4	Algebra	54	5	45	U. S. History ..	36	5	45	English	72	5	45
		Geometry	36	5	45	Civics	34	5	45	Political Econ..	12	5	45
		Arithmetic.	36	5	45	Physical Geog. ..	30	5	45				
		General Hist. ..	36	5	45	Physics	36	5	45				
	10	Algebra	36	5	30	Civics	36	5	30	Political Econ..	12	5	30
		Geometry	36	5	30	Physical Geog. ..	34	5	30	Reviews	36	5	30
		Arithmetic	36	5	30	Physics	36	5	30	Latin	36	5	30
		General Hist. ..	48	5	30	English	72	5	30				
8	U. S. History ..	34	5	30	Physiology	12	5	30					
	Algebra	54	5	40					Physics	36	5	40	
	Geometry	36	5	40	Civics	18	5	40	OR				
	Arithmetic.	18	5	40	Book-keeping. .	18	5	40	Botany	18	5	40	
10	General Hist. ..	36	5	40	OR				Zoology	18	5	40	
	U. S. History ..	18	5	40	Physiology	1-	5	40					
	English	108	5	40	Physical Geog. ..	18	5	40	Latin	72	5	40	
	Political Econ. .	18	5	40									
10	Algebra	36	5	45	Civics	36	5	30	Music	72	5	25	
	Geometry	36	5	45	Physical Geog. ..	18	5	45	Spelling	5	5	30	
	Arithmetic	18	5	45	English	108	5	45	Reviews	18	5	30	
	Gen. History ..	54	5	45	Physiology	24	5	45					
10	U. S. History ..	16	5	30	Political Econ. .	18	5	40					
	Algebra	36	5	30	Civics	48	5	20	Political Econ..	24	5	30	
	Geometry	36	5	30	Physical Geog. ..	36	5	30	Botany	18	5	30	
	Arithmetic	36	5	30	Physics	18	5	30	Com'l Law ..	24	5	30	
10	Gen. History ..	36	5	30	English	03	5	30	Book-keeping. .	12	5	30	
	U. S. History ..	36	5	30	Physiology	36	5	30					
	Algebra	54	5	30	Civics	36	5	30	Political Econ..	15	5	30	
	Geometry	72	5	30	Physical Geog. ..	15	5	30	Botany	18	4	30	
10	Arithmetic	72	5	30	Physics	36	5	35	Latin	108	5	30	
	Gen. History ..	72	5	30	English	128	5	30					
	U. S. History ..	36	5	30	Physiology	36	5	30					
8	Algebra	48	5	40	U. S. History ..	16	5	40	English	92	4	40	
	Geometry	32	5	40	Civics	18	5	30	Physiology	18	5	40	
	Arithmetic	18	5	40	Physical Geog. ..	6	5	35	Book-keeping ..	18	5	40	
	Gen. History ..	32	5	40	Physics	32	5	40	Latin	64	5	40	
10	Algebra	36	5	40	Physical Geog. ..	18	5	30	Latin	108	5	30	
	Geometry	54	5	40	Physics	36	5	40					
	Arithmetic	36	5	40	English	108	5	40	Zoology	18	5	30	
	Gen. History ..	36	5	40	Physiology	18	5	30	Botany	18	5	30	
1	U. S. History ..	18	5	40	Political Econ ..	18	5	30					
	Civics	18	5	30									
	Algebra	48	5	45	U. S. History ..	34	5	35	English	60	5	35	
	Geometry	36	5	35	Civics	18	5	35	Latin	108	5	35	
2	Arithmetic	34	5	45	Physical Geog. ..	34	5	35					
	Gen. History ..	34	5	45	Physics	14	5	35					
6	Algebra	54	5	35	Civics	18	5	35	Physiology	12	5	35	
	Arithmetic	30	5	35	Physical Geog. ..	18	5	40	Political Econ..	10	5	35	
	General Hist. ..	36	5	25	Physics	34	5	35					
	U. S. History ..	18	5	25	English	174	5	25					

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number rec. periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Graetinger	F. H. Dawson.....	16	Upper Iowa U. 2	I. S. N. S. 8.....	.....
Gray.....	A. J. Albin.....	9	Drake 2 Sum T.....	.....	Western N. 18 Sum
Greeley...	Hugh A. Curran.....	12	Upper Iowa U. 4.....	.....	.....
Hasting'...	A. E. Tipple.....	12	Tabor 2.....	.....	.....
Havelock.	Thos. Dunn.....	13	Drake 1.....	.....	.....
Hawkeye.	Elford C. Preston.....	12	Western Col. $\frac{3}{8}$ Upper Ia. Uni. $\frac{2}{3}$	.....	.....
Henderson	R. E. Davenport.....	4	.....	.....	West. Nor. Col. 9
Hopkinton	E. T. Bean.....	9	.....	I. S. N. S. 8.....	.....
Hornick...	W. H. Shipley.....	14	U. of Wis. (1 yr.)	St. Normal Sch. Whitewater, Wis. 9	.....
Ireton.....	Roy F. Hannum..... Anna E. Goodall.....	6	S. U. I. 8.....	.....	Morningside 4.....
Irwin.....	Carl S. Missildine.....	13	.....	I. S. N. S. 8.....	.....
Jolley.....	Arnold W. Lauer ..	16	S. U. I. 4.....	.....	.....

.EE YEAR COURSES.

Hon.	Yr's experience in H. S.	High School Courses.								
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.
.....	5	Algebra.....	40	5 31	U. S. History..	12	5 25	English.	51	5 30
		Geometry ..	24	5 31	Civics	12	5 25	Physiology.	12	5 30
		Arithmetic ..	18	5 31	Physical Geog..	30	5 20	Political Econ	12	5 30
		General Hist	30	5 31	Physics	30	5 30			
.....	.....	Algebra.....	72	5 31	U. S. History..	51	5 40	Physics	30	5 30
		Geom.....	72	5 31	Civics	12	5 25	English.	91	5 25
		General Hist..	30	5 15	Physical Geog..	18	5 30	Political Econ	31	5 30
.....	1	Algebra	54	5 30	U. S. History ..	12	5 30	Physiology. ..	12	5 30
		Geometry.....	48	5 31	Civics	12	5 30	Botany.	12	5 30
		Arithmetic.....	18	5 31	Physics	30	5 30	Latin	72	5 30
		General Hist..	30	5 31	English	12	5 30			
.....	22	Algebra.....	52	5 25	U. S. History ..	31	5 25	English	144	5 25
		Geometry	52	5 25	Civics.....	31	5 25	Latin.....	72	5 27
		Arithmetic.....	2	5 31	Physical Geog..	31	5 25			
		Gen. History..	31	5 25	Physics	31	5 25			
...	.....	Algebra.....	72	5 31	U. S. History..	31	5 24	English.....	108	5 30
		Geometry	31	5 30	Civics	11	5 20	Physiology ..	30	5 20
		Arithmetic.....	72	5 30	Physical Geog..	31	5 31	Political Econ.	31	5 25
		Gen. History.	30	5 31	Physics	30	5 40			
.....	2	Algebra	62	5 31	Physical Geog.	16	5 25	Book keeping ..	22	5 30
		Geometry	30	5 15	Physics	30	5 31	Geography ..	10	5 20
		Arithmetic	30	5 31	English	30	5 31	Latin	62	5 30
		Gen. History..	30	5 31	Physiology	11	5 31			
		U. S. History.	10	5 30	Political Econ..	10	5 31			
		Civics	20	5 20	Botany.....	10	5 31			
...	4	Algebra	52	5 25	Physical Geog..	10	5 25	Physiology	10	5 30
		Geometry	30	5 40	Physics	21	5 25	Political Econ..	24	5 25
		Arithmetic.....	30	5 25	Eng Grammar.	21	5 20	Book-keeping..	10	5 30
		Gen. History ..	30	5 21	Rhetoric	21	5 21	Latin	72	5 35
		U. S. History.	10	5 21	American Lit...	12	5 31			
		Civics	30	5 25	English Lit.....	12	5 30			
.....	1	Algebra	50	5 31	Civics	12	5 30	Latin	72	5 30
		Geometry	30	5 31	Physical Geog..	12	5 31			
		Arithmetic.....	30	5 0	English	144	5 30			
.....	2	Algebra	48	5 31	Civics	21	5 31	Library-Readings	10	5 35
		Geometry	30	5 31	Physical Geog..	30	5 31	Botany	24	5 40
		Arithmetic.....	24	5 31	Physics	30	5 40	Book-keeping ..	24	5 30
		Gen. History..	30	5 31	English	101	5 40	Geog. Otho. Rev	5	5 30
		U. S. History.	21	5 31	Political Econ..	21	5 30			
.....	3	Algebra.....	54	5 35	General Hist....	50	5 35	Physics.....	30	5 40
		Geometry.....	30	5 35	Civics	10	5 30	English	106	5 30
		Arithmetic.....	18	5 35	Physical Geog..	31	5 31			
.....	1	Algebra.....	54	5 35	Civics	31	5 30	Political Econ..	10	5 35
		Geometry.....	30	5 35	Physical Geog..	16	5 35	Book-keeping ..	31	5 35
		Arithmetic.....	18	5 30	Physics	16	5 40	Penmanship....	108	5 15
		General Hist..	30	5 40	English.....	108	5 35			
		U. S. History.	16	5 30	Physiology.....	16	5 35			
.....	.....	Algebra.....	50	5 20	U. S. History..	30	5 35	English	48	5 30
		Geometry	30	5 30	Civics	30	5 31	Botany	6	5 15
		Arithmetic.....	30	5 30	Physical Geog..	30	5 15	Book-keeping ..	10	5 15
		General Hist..	30	5 30	Physics	30	5 30	Latin.....	30	5 30

HIGH SCHOOL STATIST

High school.	Name of instructor.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Kalona...	O. C. Morrison.....	11	Denver U. 2.....	I. S. N. S. 1.....	
Keswick ..	Fred Deming.....	9	Drake 8.....		
Ladora....	Walter S. Mason.....	12		L. S. N. S. 8.....	Westminster 1 Theo. Sem. 1
Lake View	John R. Slacks.....	12		I. S. N. S. 8.....	
La Porte City.....	L. H. Minkel.....	4	S. U. I. 2.....	I. S. N. S. 3.....	
	Margaret McQuilkin .	7		I. S. N. S. 8.....	
	Mrs. H. B. Lizer.....	4		I. S. N. S. 8.....	
Larch- wood....	H. B. Metzler.....	11		I. S. N. S. 8.....	
Latimer ..	Rollo E. Newcomb.....	16		I. S. N. S. 3.....	
Lawler....	Daniel Costigan.....	12	Upper Iowa U. 5		
Le Claire..	A. I. Naumann.....	9	Ohio North Univ.		Ohio Univ
Le Grand	O. B. Adair.	16	Palmer Col part of year.....	I. S. N. S. 1 Sam. T	
Lehigh....	E. E. Cavanaugh.....	8	Tobin Col 2.....	I. S. N. S. Sam. T	

THREE YEAR COURSES.

Degree held.	Yr's experience in H. S.	High School Courses.											
		Branches studied.			Number weeks.	Rec. per week.	Rec. period.	Branches studied.			Number weeks.	Rec. per week.	Rec. period.
.....	4	Algebra	72	5	5	Physical Geog. .	18	1	15	Zoology	18	5	25
		Geometry	54	5	25	Physics	54	1	25	Eng. History ..	18	5	25
		Arithmetic	18	5	25	English	108	1	25	Astronomy	18	5	25
		General Hist. .	36	5	25	Botany	18	5	25	Political Econ. .	18	5	25
		U. S. History .	36	5	25	Book-keeping .	18	5					
		Civics	36	5	25	Latin	72	5	25				
.....	1	Algebra	48	5	35	Civics	18	5	30	Political Econ. .	18	5	30
		Geometry	36	5	35	Physical Geog. .	18	5	30	Word Analysis .	18	5	30
		Arithmetic	18	5	35	Physics	18	5	30	Book-keeping .	18	5	30
		General Hist. .	36	5	35	English	126	5	30	Latin	54	5	35
.....	2	Algebra	54	5	40	Physical Geog. .	36	5	30	Book-keeping .	18	5	30
		Geometry	36	5	40	English	72	5	30	Latin	72	5	30
		General Hist. .	36	5	30	Political Econ. .	36	5	30				
		Civics	24	5	30	Botany	18	5	30				
.....	4	Algebra	36	5	30	Civics	18	5	30	Political Econ. .	18	5	25
		Geometry	36	5	25	Physical Geog. .	36	5	25	Botany	18	5	25
		Arithmetic	36	5	25	Physics	36	5	25	Book-keeping .	18	5	25
		Gen. History ..	36	5	30	English	36	5	25				
		U. S. History ..	36	5	25	Physiology	18	5	30				
Ph. B.	3	Algebra	48	5	45	Physics	36	5	45				
.....	5	Geometry	48	5	45	English	126	5	45	Physical Geog. .	18	5	45
.....	8	Arithmetic	18	5	45	Physiology	18	5	45	Botany	18	5	45
		Gen. History ..	36	5	45	Latin	72	5	45	Book-keeping .	18	5	45
		Civics	18	5	45					Reviews	18	5	45
.....	2	Algebra	54	5	30	Civics	34	5	30	Physiology	36	5	30
		Geometry	18	5	30	Physical Geog. .	24	5	30	Political Econ. .	34	5	30
		Arithmetic	36	5	30	Physics	36	5	30	Book-keeping .	12	5	30
		Gen. History ..	36	5	30	English	100	5	30				
.....	1	Algebra	36	5	25	Civics	6	5	15	Political Econ. .	18	5	15
		Geometry	36	5	25	Physical Geog. .	24	5	15	Botany	18	5	15
		Arithmetic	36	5	25	Physics	36	5	25	Zoology	12	5	15
		Gen. History ..	36	5	15	English	36	5	15				
		U. S. History ..	24	5	15	Physiology	24	5	15				
.....	4	Algebra	72	5	15	Civics	22	5	20	Physiology	12	5	25
		Arithmetic	36	5	25	Physical Geog. .	16	5	25	Political Econ. .	22	5	25
		Gen. History ..	36	5	25	Physics	36	5	25	Book-keeping .	16	5	30
		U. S. History ..	36	5	25	English Lit	124	5	25				
.....		Algebra	54	5	35	Civics	18	5	30	Political Econ. .	18	5	30
		Geometry	36	5	30	Physical Geog. .	18	5	30	Book-keeping .	18	5	30
		Arithmetic	18	5	30	Physics	36	5	35	Latin	72	5	30
		General Hist. .	36	5	30	English	72	5	30				
		U. S. History ..	18	5	30	Physiology	18	5	25				
.....		Algebra	36	5	25	Civics	36	5	30	Physiology	36	5	30
		Arithmetic	34	5	30	Physical Geog. .	36	5	30	Political Econ. .	6	5	30
		General Hist. .	31	5	30	Physics	36	5	35				
		U. S. History ..	44	5	30	English	126	5	30				
.....	3	Algebra	72	5	30	U. S. History ..	36	5	30	English	108	5	35
		Geometry	36	5	40	Civics	36	5	30	Physiology	36	5	30
		Arithmetic	36	5	30	Physical Geog. .	31	5	25	Political Econ. .	30	5	30
		General Hist. .	36	5	30	Physics	44	5	30				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Letts.....	Jas. H. Dutton.....	10	Kan. Ag. Col. 1 S. U. I. 2 Sum.	Kan. St. Nor. 1 T I. S. N. S. 1 T.	Bus. Course Hol- ton Uni. 3 mo.. Ladies' Private School Chi.....
	Bessie M. Lette.....	10	.....	.....
Linden....	T. M. Prall.	6	Dak. Uni. 3 Univ. of Chi. 1.....	I. S. N. S. 4.....	.....
	Berma Bland.....	..	Drake 4.....	.....
Lineville..	O. H. Hallen.....	7	Iowa State Col. 3	I. S. N. S. ½ .....	.....
	Lilyan M. Francy	8	.....	I. S. N. S. 3.....	
Logan.....	Chas. F. Blodgett.....	3	Iowa Wesleyan 4.	I. S. N. S. 1.....	Ia. Wes. Acad. 2. Iowa Col. Acad. 1 Loretto Acad. 4..
	Edith M. Fischer.....	6	.....	I. S. N. S. 2	
	Edith R. Milliman.....	7	Iowa Col. 4.....	.....
	Stella M. O'Reilly.....	8	.....	I. S. N. S. 1 term	
Lucas.....	J. W. Miller.....	11	.....	.....	Tilford's Collegi- ate Acad. 1.....
LuVerne..	Ward Hannah	12	.....	I. S. N. S. 2.....	.. .....
	Miss Nolte.....	1	Naperville 2 ...	.....
Lynnville.	A. T. Gifford.....	12	.....	I. S. N. S. 3.....	.....
Macedonia	H. L. Caillet.....	8	Drake, S. U. I. sum. sessions..	Nebr. State Nor. (Peru) sum. ses.	.....
	Louise Pashby.....	2	.....	I. S. N. S. 2½.....	
Magnolia.	F. F. Stover.....	12	Jewell Col. 2, Els- worth Col. ½...	.....	.....
Manson .	G. W. Young.....	4	Colby Col. 4.....	.....	.....
	Flora A. Allison.....	6	Iowa Col. 4.....	.....	.....
	Grace E. Gabriel.....	6	S. U. I. 4.....	.....	.....

FREE YEAR COURSES.

[illegible]

HIGH SCHOOL STATIS

High school	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school.
Marble Rock....	L. E. Eickilberg.....	12	Mt. Vernon 4.		Cornell No Course 1
Marne	Warren L. Rankin.....	12	S. U. I. 2.....		Drake Su 6 weeks.
Massena ..	Royal J. Smalley.....	8	Cornell Col. 4.		Cornell O
Maurice. ..	A. Van Wechel.	11	Hope Col. 1.....		Northwe Classics
Maxwell..	O. W. Kirk.....	8	H. P. Col. 2½ ..		
	Bessie Knapp.	8	H. P. Col. 1½.....		
Maynard..	Artel B. Ward	12	S. U. I. 2.....		
			Drake 4.....		
Mechanics-ville..	Geo. F. Failor.....	6	Iowa Col. 2.	I. S. N. S. 1 Sum. ..	
	Katharine Crim	8	Cornell 4.....		
Melbourne	U. G. Brown.....	12			H. P. Co
Menlo	James Lawrey	10			Valparai
Milford...	F. T. Tompkins.....	7		I. S. N. S. 2.....	
	May Chase	8		I. S. N. S. ¾.....	

E YEAR COURSES.

No.	Yrs experience in H. S.	High School Courses.											
		Branches studied	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied	Number weeks.	Rec. per week.	Rec. period.
.....	3	Algebra	54	5	40	English	108	5	40	Zoology	18	5	40
.....	7	Geometry	56	5	40	Physiology	18	5	10	Botany	18	5	40
.....		Gen. History ..	56	5	40					Electives—			
.....		U. S. History ..	18	5	40	Latin	72	5	40	Arithmetic	18	5	40
.....		Civics	18	5	40	Com. Law	18	5	40	Political Econ ..	18	5	40
.....		Physical Geog ..	18	5	40	Book-keeping ..	18	5	40	Other	56	5	40
.....		Physics	56	5	40								
.....	6	Algebra	48	5	36	U. S. History ..	36	5	30	English	84	5	30
.....		Geometry	56	5	36	Civics	18	5	36	Physiology	24	5	30
.....		Arithmetic	56	5	36	Physical Geog ..	12	5	36				
.....		Gen. History ..	56	5	36	Physics	56	5	36				
.....													
.....		Algebra	50	5	35	Civics	36	5	36	Political Econ ..	36	5	35
.....		Geometry	56	5	35	Physical Geog ..	14	5	35	Mental Arith ..	10	5	35
.....		Arithmetic	56	5	35	Physics	36	5	35	Latin	72	5	35
.....		General Hist ..	56	5	35	English	72	5	35				
.....		U. S. History ..	56	5	35	Physiology							
.....	4	Algebra	50	5	30	U. S. History ..	12	5	25	English	108	5	30
.....		Geometry	50	5	30	Civics	24	5	30	Physiology	24	5	35
.....		Arithmetic	50	5	30	Physical Geog ..	26	5	30	Political Econ ..	36	5	35
.....		General Hist ..	50	5	30	Physics	50	5	35				
.....													
.....		Algebra	52	5	35	U. S. History ..	18	5	35	English	120	5	35
.....		Geometry	52	5	35	Civics	18	5	35	Physiology	4	5	35
.....		Arithmetic	50	5	30	Physical Geog ..	16	5	35	Political Econ ..	18	5	35
.....		General Hist ..	36	5	30	Physics	50	5	35	Botany	18	5	35
.....													
.....		Algebra	56	5	35	Civics	18	5	35	Political Econ ..	24	5	35
.....		Geometry	36	5	35	Physical Geog ..	18	5	35	Book-keeping ..	20	5	35
.....		Arithmetic	18	5	35	Physics	36	5	35	Latin	72	5	35
.....		General Hist ..	36	5	35	English	52	5	35				
.....		U. S. History ..	36	5	35	Physiology	16	5	35				
.....	1	Algebra	56	5	35	Civics	18	5	35	Physiology	16	5	35
.....		Arithmetic	56	5	35	Physical Geog ..	36	5	35	Political Econ ..	8	5	35
.....		General Hist ..	18	5	35	Physics	18	5	35	Book-keeping ..	8	5	35
.....		U. S. History ..	56	5	35	English	108	5	35				
.....													
.....		Algebra	72	5	30	Civics	24	5	30	Political Econ ..	18	5	35
.....	5	Geometry	36	5	35	Physical Geog ..	36	5	35	Botany	18	5	35
.....		Arithmetic	48	5	35	Physics	50	5	30	Word Analysis ..	18	5	35
.....		General Hist ..	26	5	35	English	136	5	35	Book-keeping ..	14	5	35
.....		U. S. History ..	48	5	35	Physiology	14	5	35	Latin	72	5	30
.....													
.....	2	Algebra	72	5	30	U. S. History ..	56	5	30	English	108	5	35
.....		Geometry	72	5	30	Civics	52	5	30	Book-keeping ..	26	5	30
.....		Arithmetic	72	5	35	Physical Geog ..	56	5	35	Latin Begin ..	26	5	30
.....		General Hist ..	56	5	35	Physics	36	5	30				
.....													
.....		Algebra	54	5	30	U. S. History ..	18	5	30	English	108	5	30
.....		Geometry	36	5	35	Civics	36	5	35	Political Econ ..	18	5	30
.....	Di.	Arithmetic	18	5	30	Physical Geog ..	18	5	30				
.....		General Hist ..	8	5	30	Physics	26	5	30				
.....													
.....		Algebra	54	5	40	Civics	27	5	40	Political Econ ..	18	5	40
.....	5	Geometry	36	5	40	Physical Geog ..	18	5	40	Review	15	5	40
.....		Arithmetic	18	5	40	Physics	56	5	45	Latin	108	5	40
.....		General Hist ..	36	5	40	English	108	5	40				

HIGH SCHOOL STATUS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high
Mitchell...	Walter S. Rodgers.....	9	Uni. Min. 5.....	.....	.....
	Gertrude Williams.....	13	Chas. Cy. Col. ½	.....	.....
Monmouth	E. R. Stoddard.....	10	.....	I. S. N. S. 1.....	North. Ill
	Anna Belcher	10	.....	.....	.....
	Elsie Trimble.....	9	.....	I. S. N. S. 1 .....	.....
Monroe....	J. F. Eakins.....	5	Drake 3.....	I. S. N. S. ½	So. Iowa
	Jessie M. Place.....	7	Drake 4.....	.....	.....
	Jennie French.....	1	.....	I. S. N. S. 1 .....	.....
Moorhead.	Ernest Iler.....	10	.....	.....	West Nor
Montrose .	G. W. Kennedy.....	13	.....	.....	.....
Moravia. .	F. B. Marksbury	8	Mo. Univ 1.....	Kirkville State Nor. 2 terms.....	.....
McIntire..	J. O. Ralph.....	14	.....	I. S. N. S. 3.....	Denison N
New Hartford	Mary B. Granger.....	9	Cornell (Grad.)..	.....	.....
	Harry L. Ellis	7	.....	I. S. N. S 4.....	Bus. Col. 2
New London..	C. D. McClain	7	I. W. U. 4.....	I. S. N. S. 4 terms.	Parsons Co
	Katherine Lundgren.....	8	I. W. U. 4.....	.....	.....
	Fanny F. Reherd (Sp. Mus.)	.....	.....	.....	Thomas N chool 2 6 Col. Inst..
New Virginia	Eldon E. Baker	16	Simpson Col. 2 ...	.....	Dexter Nor
Nichols ...	C. W. Bangs	10	.....	I. S. N. S. 3 .....	.....
Norway ..	W. S. Yeager	10	.....	I. S. N. S. 3 .....	.....
	Grace Foster.....	9	Uni. of Minn. 1 Carleton Col. 1	.....	.....

12 YEAR COURSES.

on.	High School Courses.												
	Years experience in H.S.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	2	Algebra	54	5	35	Physics	34	5	35	Latin	108	5	35
.....	2	Geometry	34	5	35	English	108	5	35	Eng. History..	18	5	35
.....	2	Arithmetic	34	5	35	Physiology	18	5	35	Economics.....	18	5	35
.....	2	General Hist.	34	5	35	Political Econ..	18	5	35	Zoology	18	5	35
.....	2	U. S. History	18	5	35	Botany	18	5	35	Literature	36	5	35
.....	2	Civics	18	5	35	Geology	18	5	35				
.....	2	Physical Geog.	18	5	35								
.....	7	Algebra	72	5	25	Civics	24	5	30	Botany	18	5	30
.....	7	Geometry	36	5	25	Physical Geog. ..	24	5	30	Eng. Hist.	24	5	30
.....	7	Arithmetic	36	5	25	English	108	5	30	Orthography ..	14	5	30
.....	7	General Hist.	36	5	25	Physiology	12	5	30				
.....	7	U. S. History	12	5	25	Political Econ..	36	5	30				
.....	7	Algebra	54	5	25	Physical Geog. ..	18	5	35	Political Econ..	18	5	30
.....	7	Geometry	36	5	25	Physics	34	5	35	Book-keeping..	18	5	35
.....	7	General Hist.	36	5	25	English	36	5	35	Latin	72	5	35
.....	7	Civics	36	5	25	Physiology	18	5	35				
S. B.													
.....	2	Algebra	54	5	30	U. S. History ..	48	5	30	English	36	5	30
.....	2	Arithmetic	48	5	30	Civics	64	5	30	Physiology	48	5	30
.....	2	Gen. History	48	5	30	Physical Geog. ..	48	5	30				
.....	4	Algebra	54	5	35	Civics	18	5	35	Political Econ..	18	5	35
.....	4	Geometry	36	5	35	Physical Geog. ..	18	5	35	Botany	18	5	35
.....	4	Arithmetic	18	5	35	Physics	36	5	35	Latin	72	5	35
.....	4	Gen. History	36	5	35	English	108	5	35				
.....	4	U. S. History	18	5	35	Physiology	18	5	35				
.....	4	Algebra	32	5	30	U. S. History	64	5	30	Physiology	24	5	30
.....	4	Arithmetic	32	5	30	Physical Geog. ..	32	5	30	Political Econ..	24	5	30
.....	4	Gen. History	32	5	30	English	76	5	30				
.....	5	Algebra	36	5	40	U. S. History ..	3	5	30	Botany	12	5	40
.....	5	Geometry	36	5	30	Physical Geog. ..	3	5	30	Book-keeping..	12	5	40
.....	5	Arithmetic	36	5	30	Physics	36	5	30	Geology	36	5	30
.....	5	Gen. History	36	5	30	English	108	5	30				
.....	5	Algebra	54	5	45	Physical Geog. ..	18	5	45	Latin	72	5	45
.....	5	Geometry	36	5	45	Physics	36	5	45				
.....	5	Arithmetic	18	5	45	English	108	5	45	German	72	5	45
.....	5	Gen. History	36	5	45	Physiology	18	5	45				
.....	5	Civics	18	5	45								
DI	10	Algebra	54	5	40	Physical Geog. ..	24	5	45	Astronomy	18	5	45
.....	10	Geometry	36	5	40	Physics	36	5	40	Book-keeping..	12	5	45
.....	10	Arithmetic	36	5	40	English	108	5	40	Etymology	18	5	45
.....	10	Gen. History	36	5	40	Physiology	18	5	45	Latin	72	5	40
.....	10	U. S. History	36	5	40	Political Econ..	18	5	45				
.....	10	Civics	36	5	40	Botany	18	5	45				
.....	1	Algebra	36	5	40	U. S. History ..	36	5	40	English	108	5	40
.....	1	Geometry	36	5	40	Civics	18	5	40	Physiology	18	5	40
.....	1	Arithmetic	18	5	40	Physical Geog. ..	18	5	40	Latin	72	5	40
.....	1	Gen. History	36	5	40	Physics	36	5	40				
.....	1	Algebra	60	5	5	Civics	36	5	35	Political Econ..	12	5	35
.....	1	Geometry	36	5	5	Physical Geog. ..	18	5	25	Book-keeping..	18	5	35
.....	1	Arithmetic	36	5	25	Physics	36	5	35	Geography	12	5	35
.....	1	Gen. History	36	5	25	English	72	5	35	Latin	36	5	35
.....	1	U. S. History	18	5	35	Physiology	12	5	25				
.....	7	Algebra	54	5	40	Civics	18	5	40	Political Econ..	18	5	40
.....	7	Geometry	36	5	40	Physical Geog. ..	18	5	40	Latin	108	5	40
.....	7	Arithmetic	18	5	40	Physics	36	5	40				
.....	7	Gen. History	36	5	40	English	108	5	40				
.....	7	U. S. History	18	5	40	Physiology	18	5	40				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Shannon City..	O. W. Hunt.	9	High. Park Col. 8		Dexter Acad. ½..
	Ethel Higgins.	4	High. Park Col. 1		
Sheffield...	H. W. Sutter.	6			High. Park Col. 8
	Maude Scott.	9			
Shellsburg	Spencer A. Guiles	10	Sum. Work in S. U. I. and Drake..		Cedar Rapids Business Col. 1..
Silver City	C. B. Woodrum	10		I. S. N. S. Summer School..	Western Normal
Smithland	C. W. Bays.	6			High. Park Col..
	May Wright.				High. Park Col..
Solon	Amelia McDonnell.	12	S. U. I. 1½.....	I. S. N. S. 8.....	
Springdale	Bion H. Culver	6	U. of Neb. 6		Bavarian Royal U Munich, Ger. 1
	Mabel J. Buedel.	9	Parson's Col. 4....	I. S. N. S. 1.....	U. of Chi. 3 sum.
Stanton ...	Chas. E. Hill.	11		Neb. Nor. 2.....	
Center ..	M. D. Sutton	6	Col. of Phy. and Sur., Keokuk 1	I. S. N. S. 2.....	H. P. Nor. Col. 2
	Vida R. Keene.	6		I. S. N. S. 2.....	
	Bernice E. Laidlaw.	6			Northwest Conservatory of Music, Minneapolis 2
Steamboat Rock	Robt. Morris	12	S. U. I. 1.....	I. S. N. S. 2	

TWO YEAR COURSES.

Yr's experience in H. S.	High School Courses.											
	Branches studied.	Number weeks.	Sec. per week.	Sec. period.	Branches studied.	Number weeks.	Sec. per week.	Sec. period.	Branches studied.	Number weeks.	Sec. per week.	Sec. period.
.....	5 Algebra	78	5	40	Civics	20	5	80	Political Econ..	20	5	40
.....	1 Geometry	36	5	40	Physical Geog. .	18	5	40	Botany	12	5	40
.....	Arithmetic	36	5	80	Physics	36	5	80	Latin Begin ..	36	5	40
.....	General Hist. .	36	5	80	English	108	5	80				
.....	U. S. History ..	4	5	80	Phys. (Review)..	4	5	80				
.....	5 Algebra	54	5	45	Physical Geog. .	18	5	45				
.....	5 Geometry	36	5	45	Physics	36	5	45	Latin	72	5	45
.....	Arithmetic	18	5	40	Eng. Grammar ..	18	5	40	Word Analysis	36	5	40
.....	General Hist. .	36	5	45	Eng. Comp	18	5	40	Science	18	5	45
.....	U. S. History ..	18	5	40	Rhetoric	36	5	45	Reviews	18	5	40
.....	Civics of Iowa..	6	5	40	American Lit....	18	5	45				
.....	Civics of U. S. .	12	5	40	Book-keeping ..	14	5	40				
.....	Algebra	54	5	30	Civics	36	5	30	Physiology	18	5	30
.....	Arithmetic	18	5	30	Physical Geog. .	18	5	30	Political Econ..	18	5	30
.....	5 General Hist. .	36	5	30	Physics	36	5	30				
.....	U. S. History ..	36	5	30	English	90	5	30				
.....	Algebra	40	5	30	Civics	24	5	30	Political Econ..	36	5	30
.....	5 Geometry	36	5	45	Physical Geog. .	36	5	30	Botany	12	5	30
.....	Arithmetic	36	5	30	Physics	36	5	30	Book-keeping ..	18	5	30
.....	General Hist. .	36	5	30	English	108	5	40				
.....	U. S. History ..	12	5	30	Physiology	16	5	30				
.....	5 Algebra	72	5	30	Civics	20	5	30	Political Econ..	16	5	30
.....	1 Geometry	36	5	30	Physical Geog. .	24	5	30	Botany	24	5	30
.....	Arithmetic	36	5	30	Physics	36	5	30	Latin	72	5	30
.....	General Hist. .	54	5	30	English	108	5	30				
.....	U. S. History ..	36	5	30	Physiology	36	5	30				
.....	1 Algebra	54	5	25	General Hist....	34	5	25	Physics	36	5	25
.....	Geometry	36	5	25	Civics	34	5	25	English	144	5	25
.....	Arithmetic	24	5	25	Physical Geog. .	34	5	25	Physiology	36	5	25
.....	Algebra	54	5	30	English	72	5	30	Book-keeping ..	18	5	30
.....	11 Geometry	54	5	30	Political Econ..	18	5	30	Geology	18	5	30
.....	1 General Hist. .	36	5	30	Botany	18	5	30	Astronomy	18	5	30
.....	Civics	18	5	30	Latin	108	5	30	Am. History ..	36	5	30
.....	Physical Geog. .	18	5	30								
.....	Physics	36	5	30								
.....	5 Algebra	60	5	30	Civics	20	5	30	Political Econ..	16	5	30
.....	Geometry	34	5	30	Physical Geog. .	18	5	30	Latin	68	5	30
.....	General Hist. .	34	5	30	Physics	34	5	30				
.....	U. S. History ..	12	5	30	English	108	5	30				
.....	Algebra	54	5	40	Physics	18	5	40	Latin	72	5	40
.....	4 1/2 Geometry	36	5	40	English Lit	72	5	40	Zoology	18	5	40
.....	1 Arithmetic	18	5	40	Physiology	18	5	40	Book-keeping ..	18	5	40
.....	General Hist. .	36	5	40	Political Econ..	18	5	40	Eng. Literature	18	5	40
.....	U. S. History ..	36	5	40	Botany	18	5	40	Physics	18	5	40
.....	1 Physical Geog. .	18	5	40								
.....	Algebra	50	5	25	Civics	24	5	25	Political Econ..	16	5	25
.....	1 Geometry	36	5	25	Physical Geog. .	24	5	25	Book-keeping ..	20	5	25
.....	Arithmetic	36	5	25	Physics	36	5	25	Music	36	5	25
.....	General Hist. .	36	5	25	English	92	5	25				
.....	U. S. History ..	24	5	20	Physiology	20	5	20				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Stacyville.	H. A. Langley.....	1	.....	I. S. N. S. 2 ....	.....
Statford...	J. M. Holaday	8	.....	.....	Lebanon O. Nor. 1
Swea City.	C. A. Smith.....	9	.....	I. S. N. S. 2.....	.....
Tabor.....	H. F. Volkmann.....	7	.....	.....	.....
	Gwendolen Gilliland.....		Tabor Col. 5 . . .	.....	.....
Thompson	John Ludwickson.....	12	.....	I. S. N. S. 8.....	Woodbine Nor. 1
Thornton .	J. F. Doderer.....	7	.....	I. S. N. S. 8.....	.....
Thurman.	Myron C. Gaston..	5	Tabor Col. 4 S. U.	.....	.....
	Mrs. Emily Colby Gaston..	7	I. S. Grad. Col.. Tabor Col. 4	.....	.....
Tingley ...	Chas. Murray.....	8	Drake 8 .....	.....	Hameston Nor. 1
	Edith Swain	7	Chicago Univ. ½ Simpson 1 .....	.....
Tripoli	E. S. Baker.	3	S. U. I. 1.....	I. S. N. S. 4.....	.....
	Olara Hazlett	4	.....	I. S. N. S. 2.....	.....
Urbana ...	C. T. Fisher.....	12	S. U. I 1 .....	.....	Telford Acad 3..
Vail	E. F. Gordon .....	.....	.....	.....	Frem't Neb. Nor. 3
Van Horne	B. D. Atchley	12	.....	I. S. N. S. 3.....	.....

E YEAR COURSES.

		High School Courses.											
Yrs experience in H.S.		Branches studied.			Number weeks.			Branches studied.			Number weeks.		
		Sec. per week.			Sec. period.			Sec. per week.			Sec. period.		
.....	2	Algebra	54	5	34	Physics	34	5	35	Latin	100	5	35
.....	2	Geometry	34	5	35	English	100	5	35	Eng History...	18	5	35
.....	2	Arithmetic	34	5	35	Physiology	18	5	35	Economics	18	5	35
.....	2	General Hist.	34	5	35	Political Econ.	18	5	35	Zoology	18	5	35
.....	2	U. S. History	18	5	35	Botany	18	5	35	Literature	36	5	35
.....	2	Civics	18	5	35	Geology	18	5	35				
.....	2	Physical Geog	18	5	35								
.....	7	Algebra	72	5	35	Civics	24	5	30	Botany	18	5	30
.....	7	Geometry	34	5	35	Physical Geog.	34	5	30	Eng. Hist.	24	5	30
.....	7	Arithmetic.	34	5	25	English	100	5	30	Orthography ...	14	5	15
.....	7	General Hist.	36	5	25	Physiology	18	5	30				
.....	7	U. S. History	12	5	25	Political Econ.	36	5	30				
.....	8, B.	Algebra	54	5	35	Physical Geog.	18	5	35	Political Econ. ..	16	5	30
.....	8, B.	Geometry	36	5	25	Physics	34	5	25	Book-keeping. ...	18	5	25
.....	8, B.	General Hist.	36	5	25	English	36	5	25	Latin	72	5	25
.....	8, B.	Civics	36	5	20	Physiology	18	5	25				
.....	2	Algebra	54	5	30	U. S. History	48	5	30	English	36	5	30
.....	2	Arithmetic	48	5	30	Civics	34	5	30	Physiology	48	5	30
.....	2	Gen. History	40	5	35	Physical Geog.	48	5	35				
.....	4	Algebra	54	5	35	Civics	18	5	35	Political Econ. ..	18	5	35
.....	4	Geometry	36	5	35	Physical Geog.	18	5	35	Botany	18	5	35
.....	4	Arithmetic	18	5	35	Physics	36	5	35	Latin	72	5	35
.....	4	Gen. History	36	5	35	English	100	5	35				
.....	4	U. S. History	18	5	35	Physiology	18	5	35				
.....	4	Algebra	32	5	30	U. S. History	34	5	30	Physiology	24	5	30
.....	4	Arithmetic	32	5	30	Physical Geog.	36	5	30	Political Econ. ...	24	5	30
.....	4	Gen. History	32	5	30	English	72	5	30				
.....	8	Algebra	36	5	40	U. S. History	2	5	30	Botany	12	5	40
.....	8	Geometry	36	5	40	Physical Geog.	34	5	30	Book-keeping. ...	12	5	40
.....	8	Arithmetic	36	5	30	Physics	36	5	30	Geology	24	5	30
.....	8	Gen. History	36	5	30	English	100	5	30				
.....	6	Algebra	54	5	45	Physical Geog.	14	5	45	Latin	72	5	45
.....	6	Geometry	36	5	45	Physics	36	5	45				
.....	6	Arithmetic	18	5	45	English	100	5	45	German	72	5	45
.....	6	Gen. History	36	5	45	Physiology	18	5	45				
.....	6	Civics	18	5	45								
.....	10	Algebra	54	5	30	Physical Geog.	24	5	25	Astronomy	18	5	35
.....	10	Geometry	36	5	30	Physics	36	5	30	Book-keeping. ...	18	5	35
.....	10	Arithmetic	36	5	30	English	100	5	30	Etymology	18	5	35
.....	10	Gen. History	34	5	25	Physiology	14	5	25	Latin	72	5	30
.....	10	U. S. History	34	5	25	Political Econ.	18	5	25				
.....	10	Civics	36	5	25	Botany	18	5	25				
.....	1	Algebra	36	5	40	U. S. History	36	5	40	English	100	5	40
.....	1	Geometry	36	5	40	Civics	18	5	40	Physiology	18	5	40
.....	1	Arithmetic	18	5	40	Physical Geog.	18	5	40	Latin	72	5	40
.....	1	Gen. History	34	5	40	Physics	36	5	40				
.....	1	Algebra	60	5	5	Civics	36	5	35	Political Econ. ..	18	5	35
.....	1	Geometry	36	5	5	Physical Geog.	18	5	35	Book-keeping. ...	18	5	35
.....	1	Arithmetic	34	5	25	Physics	36	5	35	Geography	12	5	35
.....	1	Gen. History	36	5	25	English	72	5	35	Latin	36	5	35
.....	1	U. S. History	18	5	35	Physiology	12	5	35				
.....	7	Algebra	54	5	40	Civics	18	5	40	Political Econ. ..	18	5	40
.....	7	Geometry	36	5	40	Physical Geog.	18	5	40	Latin	100	5	40
.....	7	Arithmetic	18	5	40	Physics	36	5	40				
.....	7	Gen. History	36	5	40	English	100	5	40				
.....	7	U. S. History	18	5	40	Physiology	18	5	40				

HIGH CHOOOL STATISTIC

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Van Meter	Ed. B. Monroe.....	12	.....	.....	Dexter, Ia. Nor.
	May Cook.....	2	.....	.....	Valpar., Ind. Na
Van Wert.	F. P. Reed.....	7	Amity College 2 Drake 2½..	.....	Stanberry ¼ Nor.
	Mrs. Annis Craft.....	9	.....	.....	Unl. Ill. ¼..
Walker ...	A. Bruce Alderman.....	18	.....	I. S. N. S. 8 yr.	.....
Waukeee...	Wm. Shirley.....	18	S. U. I. 1.....	.....	.....
Wayland..	John E. Evans.....	10	Simpson 4.....	.....	.....
Weldon ...	John A. McIntosh.....	12	Cen. Nor. Uni. 8	I. S. N. S. 1.....	.....
	Kate Coffey.....	12	.....	I. S. N. S. ¼.....	.....
Wesley....	J. H. Westcoat.....	7	.....	.....	Corning Acad 1 W. N. C. 2...
West Bend ..	Guy D. Clevenger.....	5	Mt. Merris Col. 1 (Illinois).....	I. S. N. S. 8.....	.....
	Ida M. Hoebel.....	7	.....	I. S. N. S. 2.....	.....
	Effie Weisbard.....	7	.....	I. S. N. S. 2.....	.....
West Side ...	R. D. Barr.....	6	.....	I. S. N. S. 3.....	.....
	Bess Chase.....	6	.....	I. S. N. S. 2.....	.....
Wheat- land.	Earl T. Housh.....	8	North. Ill. Col. 2.	.....	Sum. sessions Felicity N. Ohio Lebanon N. Ohio.
	Wm. Beckmann.....	7	.....	.....	.....

ONE YEAR COURSES.

Degrees held.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Mos. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	3	Algebra	78	5	40	Civics	20	5	30	Political Econ..	20	5	40
.....	1	Geometry	36	5	45	Physical Geog..	16	5	30	Botany	12	5	40
.....		Arithmetic	31	5	35	Physics	36	5	30	Latin-Begin	36	5	40
.....		General Hist..	36	5	30	English	108	5	30				
.....		U. S. History ..	4	5	30	Phys. (Review)..	4	5	30				
.....	3	Algebra	54	5	45	Physical Geog..	16	5	45				
.....	3	Geometry	36	5	45	Physics	36	5	45	Latin	72	5	45
.....		Arithmetic	18	5	40	Eng. Grammar..	18	5	40	Word Analysis	36	5	40
.....		General Hist..	36	5	45	Eng. Comp	18	5	40	Science	18	5	40
.....		U. S. History ..	18	5	40	Rhetoric	36	5	45	Reviews	18	5	40
.....		Civics of Iowa ..	6	5	40	American Lit....	18	5	45				
.....		Civics of U. S. ..	12	5	40	Book-keeping ..	14	5	40				
.....		Algebra	54	5	30	Civics	36	5	30	Physiology	18	5	30
.....		Arithmetic	18	5	30	Physical Geog..	18	5	30	Political Econ..	18	5	30
.....	3	General Hist..	36	5	30	Physics	36	5	30				
.....		U. S. History ..	36	5	30	English	90	5	30				
.....		Algebra	40	5	30	Civics	24	5	30	Political Econ..	36	5	30
.....	3	Geometry	36	5	30	Physical Geog..	20	5	30	Botany	12	5	30
.....		Arithmetic	36	5	30	Physics	36	5	30	Book-keeping ..	16	5	30
.....		General Hist..	36	5	30	English	108	5	30				
.....		U. S. History ..	12	5	30	Physiology	18	5	30				
.....	3	Algebra	72	5	30	Civics	20	5	30	Political Econ..	16	5	30
.....	1	Geometry	36	5	30	Physical Geog..	21	5	30	Botany	24	5	30
.....		Arithmetic	36	5	30	Physics	36	5	30	Latin	72	5	30
.....		General Hist..	54	5	30	English	108	5	30				
.....		U. S. History ..	36	5	30	Physiology	36	5	30				
.....	1	Algebra	54	5	45	General Hist....	34	5	25	Physics	36	5	35
.....		Geometry	36	5	45	Civics	34	5	25	English	144	5	35
.....		Arithmetic	24	5	25	Physical Geog..	34	5	25	Physiology	36	5	25
.....		Algebra	54	5	30	English	72	5	30	Book-keeping	18	5	30
.....	11	Geometry	54	5	30	Political Econ..	18	5	40	Geology	18	5	30
.....	1	General Hist..	36	5	30	Botany	18	5	30	Astronomy	18	5	30
.....		Civics	18	5	30	Latin	108	5	30	Am. History	36	5	30
.....		Physical Geog..	18	5	30								
.....		Physics	36	5	30								
.....	3	Algebra	63	5	30	Civics	20	5	30	Political Econ..	16	5	30
.....		Geometry	54	5	30	Physical Geog..	16	5	30	Latin	68	5	30
.....		General Hist..	54	5	30	Physics	34	5	30				
.....		U. S. History ..	12	5	30	English	108	5	30				
.....	4	Algebra	54	5	40	Physics	18	5	40	Latin	72	5	40
.....		Geometry	36	5	40	English Lit	72	5	40				
.....		Arithmetic	18	5	40	Physiology	18	5	40	Zoology	18	5	40
.....		General Hist..	36	5	40	Political Econ..	16	5	40	Book-keeping	18	5	40
.....		U. S. History ..	36	5	40	Botany	18	5	40	Eng Literature	18	5	40
.....	1	Physical Geog..	18	5	40					Physics	18	5	40
.....		Algebra	50	5	25	Civics	24	5	25	Political Econ..	16	5	25
.....	1	Geometry	36	5	25	Physical Geog..	24	5	30	Book-keeping ..	20	5	30
.....		Arithmetic	36	5	25	Physics	35	5	25	Music	36	5	15
.....		General Hist..	36	5	25	English	92	5	25				
.....		U. S. History ..	24	5	30	Physiology	20	5	30				

HIGH SCHOOL STATISTICS

High school	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Stacyville.	H. A. Langley.....	1	.....	I. S. N. S. 2 ....	.....
Statford...	J. M. Holaday	5	.....	.....	Lebanon O. N. or. 1
Swea City.	C. A. Smith.....	9	.....	I. S. N. S. 2..... - -
Tabor.....	H. F. Volkmann.....	7	.....	.....	..... - -
	Gwendolen Gilliland.....		Tabor Col. 5 ..	.....	..... - -
Thompson	John Ludwickson.....	2	.....	I. S. N. S. 3.....	Woodbine No. 1 -
Thornton	J. F. Doderer.....	7	.....	I. S. N. S. 3..... - -
Thurman.	Myron C. Gaston..	5	Tabor Col. 4 S. U.	.....	..... - -
	Mrs. Emily Colby Gaston..	7	I 2 Grad. Col.. Tabor Col. 4 ..	.....	..... - -
Tingley ...	Chas. Murray.	5	Orake 3 .....	.....	Hameston No. 1
	Edith Swain	2	Chicago Univ. 1/2 Simpson 1 .....	.....
Tripoli	E. S. Baker.	3	S. U. I. 1	I. S. N. S. 4..... - -
	Olara Hazlett	2	.....	I. S. N. S. 2..... - -
Urbana ...	C. T. Fisher.....	12	S. U. I 1 .....	.....	Telford Acad.
Vail	A. F. Gordon .....	.....	.....	.....	Frem't Neb. No. 1 -
Van Horne	B. D. Atchley	12	.....	I. S. N. S. 3..... -

THE YEAR COURSES.

Degree held.	Yr's experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	H.-o. per week.	Rec. period.	Branches studied.	Number weeks.	H.-o. per week.	Rec. period.	Branches studied.	Number weeks.	H.-o. per week.	Rec. period.
.....	2	Algebra	54	5		U. S. History ..	18	5		English	36	5	..
.....		Geometry	36	5		Civics	18	5		Physiology	18	5	..
.....		Arithmetic	18	5		Physical Geog. ..	18	5		Political Econ. ..	18	5	..
.....		Gen. History	36	5		Physics	18	5		Botany	18	5	..
.....	24	Algebra	54	5	40	U. S. History ..	72	5	40	English	36	5	40
.....		Geometry	36	5	40	Civics	40	5	40	Physiology	36	5	40
.....		Arithmetic	104	5	40	Physical Geog. ..	36	5	40	Political Econ. ..	36	5	40
.....		Gen. History	36	5	40	Physics	36	5	40	Book-keeping ..	36	5	40
.....	4	Algebra	54	5	2	Gen. History	48	5	20	Physical Geog. ..	36	5	5
.....		Geometry	44	5	20	U. S. History	36	5	20	Physiology	36	5	25
.....		Arithmetic	36	5	20	Civics	36	5	20	English	36	5	25
.....		Algebra	72	5	4	Physics	36	5	25	Book-keeping ..	36	5	45
.....		Geometry	36	5	45	English Lit.	100	5	45	Com'l Arith.	36	5	45
.....		Gen. History	36	5	5	Botany	18	5	45				
.....		Civics	18	5	40	Latin	72	5	4				
.....		Physical Geog.	18	5	10								
.....		Algebra	44	5	25	U. S. History	18	5	45	English	100	5	25
.....		Geometry	36	5	5	Civics	20	5	20	Physiology	18	5	25
.....		Arithmetic	18	5	20	Physical Geog.	20	5	20	Political Econ. ..	18	5	25
.....		Gen. History	36	5	20	Physics	36	5	20	Botany	18	5	25
.....	15	Algebra	64	5	2	Civics	12	5	30	Political Econ. ..	12	5	20
.....		Geometry	36	5	40	Physical Geog. ..	12	5	10	Botany	12	5	20
.....		Arithmetic	34	5	30	Physiology	36	5	20	Word Analysis ..	20	5	20
.....		Gen. History	52	5	5	English	100	5	20	Zoology	2	5	20
.....		U. S. History	28	5	2	Physiology	36	5	20				
M.	2	Algebra	72	5	45	J. S. History	100	5	30	Physiology	36	5	20
.....		Geometry	36	5	40	Civics	36	5	30	Botany	18	5	25
.....	4	Arithmetic	100	5	40	Physics	36	5	30	Book-keeping ..	36	5	20
.....		Gen. History	36	5	30	English	36	5	30	Latin	100	5	25
.....		Algebra	54	5	40	U. S. Hist.	18	5	45	English	120	5	25
.....	9	Geometry	36	5	40	Civics	20	5	30	Political Econ. ..	18	5	40
.....		Arithmetic	2	5	30	Physical Geog.	20	5	30	Botany	20	5	40
.....		Gen. Hist.	36	5	5	Physics	36	5	40	Latin	72	5	40
Di.		Algebra	54	5	40	Physical Geog.	36	5	30	English Lit.	18	5	30
.....	1	Arithmetic	54	5	40	Physics	36	5	40	Physiology	36	5	30
.....		Gen. Hist.	36	5	40	English Grammar ..	36	5	30	Political Econ. ..	18	5	30
.....		U. S. Hist.	36	5	30	Rhetoric	36	5	30	Botany	18	5	40
.....		Civics	20	5	40	American Lit.	18	5	30	Spelling	18	5	20
.....	14	Algebra	36	5	40	Physical Geog.	18	5	40	Botany	18	5	30
.....		Arithmetic	72	5	30	Physics	36	5	30	Economics	18	5	30
.....		Gen. Hist.	36	5	40	English	72	5	30	Orthography ..	100	5	15
.....		U. S. Hist.	36	5	30	Physiology	36	5	30	Latin	36	5	30
.....		Civics	18	5	30	Political Econ.	18	5	30				
L. B.	6	Algebra	44	5	40	Physical Geog.	18	5	40	Bookkeeping ..	18	5	40
.....		Geometry	34	5	40	Physiology	36	5	40	Latin	72	5	40
.....		Gen. Hist.	36	5	40	English	100	5	40				
.....		Civics	18	5	40	Botany	18	5	40				
.....		Algebra	44	5	1	J. S. Hist.	14	5	25	English	100	5	30
.....		Geometry	36	5	20	Civics	10	5	25	Physiology	18	5	30
.....		Arithmetic	36	5	20	Physical Geog.	12	5	20	Political Econ. ..	36	5	30
.....		Gen. Hist.	36	5	20	Physics	36	5	20				

HIGH CHOOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Van Meter	Ed. B. Monroe.....	12	.....	.....	Dexter, Ia. Nor.
	May Cook	2	.....	.....	Valpar., Ind. No.
Van Wert.	F. P. Reed	7	Amity College 2 Drake 2½	.....	Stanberry ¼ Nor.
	Mrs. Annis Craft.....	9	.....	.....	Unl. Ill. ½.
Walker ...	A. Bruce Alderman	18	.....	I. S. N. S. 8 yr.	.....
Waukeee...	Wm. Shirley.....	18	S. U. I. 1	.....	.....

Wayland..	John E. Evans	10	Simpson 4	.....	.....
Weldon ...	John A. McIntosh.....	12	Cen. Nor. Uni. 8	I. S. N. S. 1	.....
	Kate Coffey.....	12	.....	I. S. N. S. ¼	.....
Wesley....	J. H. Westcoat.	7	.....	.....	Corning Acad 1 W. N. O. 2
West Bend ..	Guy D. Clevenger.....	5	Mt. Morris Col. 1 (Illinois).....	I. S. N. S. 8	.....
	Ida M. Hoebel	7	.....	I. S. N. S. 2	.....
	Effie Weisbard	7	.....	I. S. N. S. 2	.....
West Side ...	R. D. Barr.....	6	.....	I. S. N. S. 8	.....
	Bess Chase	6	.....	I. S. N. S. 2	.....
Wheat-land.	Earl T. Housh.....	8	North. Ill. Col. 2.	.....	Sum. sessions Felicity N. O.
	Wm. Beckmann.....	7	.....	.....	Lebanon N. O.

EE YEAR COURSES.

Degree men.	Yrs experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. per period.	Branches studied.	Number weeks.	Rec. per week.	Rec. per period.	Branches studied.	Number weeks.	Rec. per week.	Rec. per period.
.....	4	Algebra	54	5	30	Physical Geog. .	36	5	30	Botany	36	5	30
.....		Geometry	36	5	30	Physics	36	5	30	Book-keeping.	18	5	30
.....		Arithmetic	18	5	30	English	30	5	30	Latin	108	5	30
.....		Gen. History	36	5	30	Political Econ. .	18	5	30				
.....	7	Algebra	64	5	25	Civics	32	5	25	Political Econ. .	34	5	25
.....		Geometry	36	5	25	Physical Geog. .	32	5	25	Botany	20	5	25
.....		Arithmetic	30	5	25	Physics	32	5	25	Book-keeping ..	32	4	25
.....	2	Gen. History	32	5	25	English	30	5	25				
.....		U. S. History	20	5	25	Physiology	20	5	25				
.....	5	Algebra	54	5	30	U. S. History ..	36	5	30	English	31	5	30
.....		Geometry	36	5	30	Civics	18	5	30	Physiology	30	5	30
.....		Arithmetic	36	5	30	Physical Geog. .	18	5	30	Political Econ. .	18	5	30
.....		Gen. History	30	5	30	Physics	36	5	30	Botany	18	5	30
.....	8	Algebra	60	5	30	U. S. History ..	36	5	30	English	108	5	15
.....		Geometry	36	5	30	Civics	36	5	30	Political Econ. .	36	5	15
.....		Arithmetic	48	5	30	Physical Geog. .	36	5	15	Botany	20	5	15
.....		Gen. History	54	5	30	Physics	36	5	30	Book-keeping ..	36	5	30
.....	1	Algebra	48	5	35	U. S. History ..	10	5	35	Physics	32	5	35
.....		Arithmetic	32	5	30	Civics	32	5	35	English	112	5	35
.....		Gen. History	32	5	35	Physical Geog. .	32	5	30	Physiology	19	5	30
.....	4	Algebra	32	5	30	U. S. History ..	24	5	30	English	36	5	30
.....		Geometry	32	5	30	Civics	36	5	30	Physiology	34	5	30
.....		Arithmetic	32	5	30	Physical Geog. .	32	5	25	Political Econ. .	30	5	25
.....		General Hist. .	32	5	30	Physics	32	5	30	Book-keeping ..	30	5	30
.....	5	Algebra	72	5	35	U. S. History ..	36	5	35	English	108	5	40
.....		Geometry	36	5	30	Civics	24	5	35	Political Econ. .	36	5	35
.....		Arithmetic	36	5	30	Physical Geog. .	18	5	35	Botany	18	5	35
.....		General Hist. .	36	5	35	Physics	36	5	35	Latin	72	5	35
.....	4	Algebra	54	5	40	English	70	5	40	Phytography ..	18	5	40
.....		Geometry	36	5	40	Botany	18	5	40	Physiology	18	5	40
.....		Arithmetic	18	5	40	Zoology	18	5	40	Political Econ. .	18	5	40
.....		General Hist. .	36	5	40	Latin	72	5	40	Book-keeping ..	18	5	40
.....		U. S. History ..	18	5	40	Eng. Classics ..	32	5	40				
.....		Civics	18	5	40								
M. Di.	8	Algebra	44	5	40	Physical Geog. .	18	5	30	Latin	28	5	35
.....		Geometry	36	5	35	Physics	36	5	35	Word Analysis.	18	5	30
.....		Arithmetic	36	5	40	English	100	5	35	Book-keeping ..	18	5	40
.....		General Hist. .	31	5	37	Physiology	18	5	30				
.....		U. S. History ..	18	5	35	Political Econ. .	18	5	30				
.....		Civics	18	5	35								
.....	5	Algebra	52	5	35	Civics	36	5	30	Political Econ. .	8	5	40
.....		Geometry	20	5	30	Physical Geog. .	20	5	35	Botany	18	5	35
.....		Arithmetic	64	5	30	Physics	31	5	40	Book-keeping ..	38	5	40
.....	1	Gen. History	36	5	35	English	133	5	30	Zoology	30	5	35
.....		U. S. History ..	20	5	30	Physiology	30	5	35	Geology	18	5	30

HIGH SCHOOL STATISTI

High school.	Names of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Whittimore....	A. O. Joy.....	1	.....	I. S. N. S. 4.....	.....
Wiota....	M. F. Enenbach.....		.....	.....	National Nor. 3 Carroll Nor. 1..
Woodburr	A. J. Mitchell.....	6	.....	.....	.....
Woodward	Leo Ranney	8	.....	I. S. N. S. 2½	.....
	Louise Rowe.....		Iowa State Col 4.	.....	.....

TWO YEAR COURSES.

Duration.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
Di.	2	Algebra	72	5 30		U. S. History...	1	5 30		English	128	5 30	
		Geometry	36	5 30		Civics	18	5 30		Physiology.....	18	5 30	
		Arithmetic.	18	5 30		Physical Geog..	2	5 30		Political Econ.	18	5 30	
		Gen. history	36	5 30		Physica	36	5 40					
		Algebra	36	5 30		Gen. History...	36	5 30		Physica	36	5 30	
	0	Geometry	36	5 30		Civics	36	5 30		English	36	5 30	
		Arithmetic.....	18	5 30		Physical Geog.	36	5 20					
		Algebra ..	42	5 25		Gen. History...	36	5 0		English	6	5 25	
		Geometry ..	32	5 25		Civics	18	5 30		Physiology.....	1	5 30	
		Arithmetic.	32	5 25		Physical Geog.	18	5 25		Latin	0	5 30	
Di.....		Algebra	54	5 40		U. S. History...	18	5 40		Physiology ..	18	5 40	
Sc		Geometry	36	5 40		Civics	36	5 40		Political Econ	18	5 40	
		Arithmetic.	18	5 40		Physical Geog.	18	5 40		Botany	36	5 40	
		Gen. History	54	5 40		English	128	5 40		Latin.....	36	5 40	

Note:—In those schools offering more than one course the subjects are arranged in groups started by blank lines as in the four-year courses. All pupils pursue the subjects named in first group and complete the course by pursuing the subjects in one or more of the supplemental groups.

HIGH SCHOOL STATISTICS

High school.	Names of instructors.	Number of periods.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Andrew...	Gus. Delaney.....	11	.....	Mo. N. S. S.	G. C. Bus. Col. .
Arthur....	Hattie Anderson.	15	Iowa State Col. 4	.....	.....
Ashton...	John L. Shearer.....	10	.....	I. S. N. S. S. ....	.....
	Stella McGuire.	2	(In H. S.)	I. S. N. S. 1. ....	.....
Atalissa...	C. B. Laraway.....	11	Drake 2. ....	.....	Simpson Col. 1 ..
Auburn..	W. D. Wendt.	11	.....	I. S. N. S. 2.....	Nor. Ind. Norm. 1
	Mary E. Caster.	2	.....	I. S. N. S. S. ....	.....
Aurora....	Lucy B. Francis.....	.....	.....	I. S. N. S. 1.....	.....
Ayrshire..	Della Gregg. ....	.....	.....	.....	.....
Beacon....	J. P. McMurray	12	Oskaloosa Col. 4..	I. S. N. S. 1.....	.....
Beaman .	F. E. Stahl.....	16	Upper Iowa 2, Dakota Wesleyan 1	.....	.....
Blairsburg	W. W. Miller.....	8	.....	I. S. N. S. 4. ....	.....
Bode	A. M. Russell	16	.....	.....	Friend's Acad. 4. N. I. N. S. Dixon, Ill. 1, Bus. C. 1.
Bradgate..	O. C. Knoll	14	.....	.....	Nora Springs A. 1
Brooks	W. L. Stevens... ..	13	Seio Ohio 1	Kan. State Nor. 1	.....
Calamus .	H. G. Games	9	.....	.....	Nat'l. Nor. Un Lebanon, 1....
Charlotte.	Louis Greenberg	10	Drake 1.....	.....	.....

10 YEAR COURSES.

Degree held.	Yrs experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	2	Algebra	48	5	30	Civics	86	5	25	English	102	5	30
.....		Arithmetic	36	5	30	Physical Geog. .	36	5	25	Physiology	36	5	25
.....		U. S. History ..	36	5	30	Physics	36	5	30	Political Econ..	18	5	30
.....		Algebra	36	5	25	Civics	20	5	20	Physiology	36	5	30
.....		Arithmetic	36	5	25	Physical Geog..	36	5	20	Political Econ. .	16	5	25
.....		General Hist..	36	5	25	Physics	30	5	30				
.....		U. S. History ..	36	5	25	English	106		30				
.....	2	Algebra	72	5	30	Civics	24	5	20	Physiology	36	5	25
.....	1	Arithmetic	36	5	30	Physical Geog..	24	5	25	Political Econ..	16	5	30
.....		General Hist..	36	5	30	Physics	36	5	30				
.....		U. S. History ..	36	5	25	English Lit.....	26	5	30				
.....	2	Algebra	72	5	30	U. S. History..	72	5	30	English	18	5	30
.....		Geometry	36	5	30	Civics	36	5	30	Physiology	12	5	30
.....		Arithmetic	36	5	30	Physical Geog. .	36	5	30	Political Econ..	18	5	30
.....		General Hist. .	44	5	30	Physics	36	5	30				
.....	2	Algebra	56	5	25	Civics	24	5	30	Word Analysis	36	5	35
.....	1	Arithmetic	20	5	25	Physical Geog. .	36	5	30	Book-keeping ..	20	5	25
.....		General Hist..	34	5	30	Physics	16	5	25				
.....		U. S. History ..	12	5	25	English	72	5	25				
.....	2	Algebra	64	5		Physical Geog..	30	5		Physiology	36	5	
.....		Arithmetic	36	5		Physics	32	5		Book-keeping ..	10	5	
.....		Civics	36	5		English	104	5					
.....		Algebra	54	5	40	Civics	36	5	25	English	72	5	30
.....		Arithmetic	36	5	35	Physical Geog..	36	5	25	Political Econ..	36	5	35
.....		U. S. History ..	36	5	30	Physics	36	5	40				
, B. D.	22	Algebra	72	5	30	Civics	34	5	30	Botany	18	5	30
.....		Arithmetic	36	5	30	Physical Geog..	30	5	30	Word Analysis.	16	5	30
.....		General Hist. .	72	5	30	English	106	5	30				
.....	2	Algebra	54	5	25	Physics	24	5	30	Latin	72	5	35
.....		Arithmetic	18	5	30	English	72	5	35	Book-keeping or			
.....		General Hist..	54	5	25	Political Econ..	18	5	25	Review	18	5	30
.....		Physical Geog.	36	5	25	Botany	24	5	35				
.....		Algebra	44	5	30	Physical Geog. .	16	5	30	Political Econ..	6	5	30
.....		Arithmetic	36	5	30	Physics	16	5	30				
.....		U. S. History ..	30	5	30	English	74	5	30				
.....		Civics	12	5	30	Physiology	12	5	30				
.....		Algebra	32	5	30	U. S. History..	16	5	25	English	34	5	30
.....		Arithmetic	16	5	30	Civics	16	5	30	Botany	24	5	35
.....	4	Gen. History ..	32	5	30	Physical Geog..	16	5	25				
.....	8	Algebra	72	5	25	Gen. History ..	36	5	30	Physical Geog..	20	5	25
.....		Geometry	36	5	30	U. S. History .	36	5	35	Physics	36	5	30
.....		Arithmetic	36	5	30	Civics	16	5	25	English	72	5	35
.....	10	Algebra	64	5	25	Physical Geog.	14	5	30	Physiology	36	5	25
.....		Arithmetic	32	5	25	Physics	32	5	25	Political Econ..	32	5	30
.....		Civics	64	5	30	English	106	5	15				
.....	5	Algebra	38	5	30	U. S. History ..	34	5	30	English	134	5	30
.....		Arithmetic	34	5	30	Civics	76	5	20	Physiology	36	5	20
.....		Gen. History ..	36	5	20	Physical Geog.	32	5	20				
.....	8	Algebra	40	5	35	Civics	44	5	20	Physiology	30	5	20
.....		Arithmetic	40	5	40	Physical Geog..	40	5	35				
.....		U. S. History ..	40	5	30	English	130	5	25				

HIGH SCHOOL STATISTIC

High school.	Name of instructors	Number of period..	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Coneaville	Lewis G. Abel.....	10	.....	I. S. N. S. 2. ....	.....
Dakota City.....	E. B. Bravinder	16	.....	I. S. N. S. 2. ....	.....
Delaware.	Daisy B. LeMaster.....	24	Rio Grande Col. 2 Taylor Univ. 1..	.....	.....
Delhi.....	J. C. McGee.....	12	.....	I. S. N. S. 2. ....	.....
Dickens ...	O. L. Carrington.....	9	.....	I. S. N. S. 2½	Buena Vista C. ½
Dumont...	Alice Swope.....	11	H. P. C. 1 Drake 2	.....	.....
	Alice Cowie.....	11	.....	I. S. N. S. 2. ....	.....
Durant ...	E. A. Cromer.....	11	Cornell Col. 4 ....	.....	.....
	Mable Dutton.....	11	.....	.....	.....
Dyersville	Will L. Evans.....	..	.....	.....	So. Ia. N. 3 Drake ½
Ellsworth.	O. S. von Krog.....	..	H. P. C. 2 Drake 2	.....	Special Inst. in Europe 1..
Farnhamville.....	O. E. Hibbs.....	10	.....	I. S. N. S. 2. ....	.....
Fraser ...	John R. Curry	15	.....	Ill. State Nor. 2.	.....
Fredricksburg.....	Bess M. Rowe.....	8	.....	I. S. N. S. 1½...	.....
Garnaville	W. E. Lochridge.....	10	.....	.....	Hedrick Nor. 1.
	Ida Helbig.....	2	.....	.....	.....
Germania.	Fred F. Hansen	14	Ia. State Col. 1..	I. S. N. S. 1 Ter	.....

FO YEAR COURSES.

Degree held.	Yrs experience in H.S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec period.	Branches studied.	Number weeks.	Rec. per week.	Rec period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....	4	Algebra.....	54	5	35	Civics	24	5	35	Physiology ..	18	5	35
.....		Arithmetic ..	25	5	35	Physical Geog.	17	5	35	Botany	19	5	35
.....		General Hist	37	5	40	Physica	38	5	40				
.....		U. S. History	36	5	30	English	40	5	40				
.....	5	Algebra	61	5	25	Civics	35	5	25	Physiology	36	5	40
.....		Arithmetic ..	27	5	25	Physical Geog.	18	5	25				
.....		U. S. History	61	5	25	English	105	5	25				
.....	2	Algebra	45	5		Civics	31	5		Political Econ..	24	5	
.....		Arithmetic ..	25	5		Physical Geog..	34	5		Book-keeping ..	24	5	
.....		General Hist	48	5		Physica	36	5					
.....		U. S. History	12	2		English	49	5					
.....	5	Algebra	51	5	35	U. S. History..	18	5	30	English	108	5	25
.....		Geometry	36	5	35	Civics	20	5	40	Physiology	18	5	25
.....		Arithmetic ..	36	5	40	Physical Geog ..	18	5	30	Political Econ	24	5	25
.....		General Hist..	36	5	40	Physica	36	5	30	Latin	34	5	25
1.....	2	Algebra	36	5	30	Physical Geog..	36	5	30	Political Econ	36	5	30
.....		Arithmetic ..	25	5	30	Physica	24	5	30	Book-keeping ..	18	5	30
.....		U. S. History	9	5	30	English	42	5	30				
.....		Civics	18	5	40	Physiology	8	5	30				
.....		Algebra	51	5	30	Civics	72	5	2	Physiology	36	5	20
.....		Arithmetic ..	36	5	25	Physica	54	5	20	Political Econ.	36	5	40
.....		U. S. History	38	5	20	English	34	5	20	Didactics	12	5	20
.....	5	Algebra	36	5	35	Civics	18	5	30	Botany	19	5	30
.....		Arithmetic ..	36	5	30	Physical Geog..	14	5	30	Book-keeping ..	18	5	30
.....		Gen. History..	34	5	25	Physica	14	5	30				
.....		U. S. History	34	5	35	English	108	5	30				
.....	4	Algebra	40	5	40	Physical Geog	12	5	30	Political Econ	24	5	30
.....		Arithmetic ..	12	2	20	Physica	28	5	30	Botany	12	5	30
.....		Gen. History	18	5	35	English	110	3	25	Book keeping ..	36	2	30
.....		Civics	16	5	10	Physiology	16	2	30	Penmanship...	40	5	30
.....		Algebra	34	5	35	U. S. History..	18	5	35	Physica	34	5	35
.....		Arithmetic ..	12	5	25	Civics	18	5	25	English	72	5	25
.....		Gen. History	9	5	25	Physical Geog ..	18	5	25	Political Econ	18	5	25
.....	5	Algebra	54	5	35	Civics	20	5	5	Physiology	36	5	35
.....		Arithmetic ..	18	5	35	Physical Geog ..	24	5	5	Botany	18	5	35
.....		General Hist	40	5	35	Physica	2	5	30	Review	12	5	35
.....		U. S. History..	16	5	35	English	72	5	35				
.....	5	Algebra	71	5	20	Civics	84	5	2	Physiology	36	5	30
.....		Arithmetic ..	24	5	20	Physical Geog	36	5	20	Orthography ..	7	5	30
.....		General Hist	36	5	40	Physica	36	5	20	Book-keeping ..	20	5	30
.....		U. S. History	36	5	20	English	72	5	20	Latin -Begin ..	36	5	30
.....		Algebra	34	5	35	General Hist ..	72	5	30	English	104	5	20
.....		Geometry..	14	5	40	U. S. History..	36	5	25				
.....		Arithmetic ..	36	5	30	Civics	72	5	30				
.....	13	Algebra	26	5		Civics	18	5		Physiology	10	5	
.....		Arithmetic ..	12	5		Physical Geog	18	5		Political Econ.	12	5	
.....		General Hist..	40	5		Physica	36	5		Botany	14	5	
.....		U. S. History.	12	5		English	60	5		Book-keeping ..	12	5	
.....	1	Algebra	36	5	25	U. S. History..	36	5	2	English	72	5	30
.....		Arithmetic ..	40	5	35	Civics	18	5	35				
.....		General Hist	31	5	30	Physical Geog ..	1	5	35				

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number rec. period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Gibson....	C. W. Moore.....	..	.....	I. S. N. S. ....	.....
Grant.	C. M. Neveln.....	12	Des M. Col. 2 Drake 2 terms..	.....	.....
Gravity...	D. Paul Dale	14	Drake 3/2 .....	.....	.....
Hamilton.	S B. Wolfe.....	..	Simpson Col. 1...	.....	...
Hancock .	Mrs. K. Benshaw.....	17	.....	I. S. N. S. 1.....	.....
Hazelton..	Anna Maloney.....	18	.....	I. S. N. S. 2....	.....
Hillsdale.	R. D. Nelson.	18	... ..	I. S. N. S. 1/2 ....	.....
Kensett. ..	A. L. Burgoon.....	5	Tobin College 1, Drake 1 ..	.....	.....
Kirkman..	Roland Meyers.....	18	.....	.....	Woodbine Nor.
Kirkville..	C. H. Thomas.	12	I. W. U. 1.....	.....	High. Park Co
Knowlton.	Frank S. Willey.....	12	.....	.....	Drake Sum. S
Lester.....	C. B. Hightower.....	14	Drake. ....	.....	Dexter Norma
Liberty- ville..	C. E. Waid, Jr.....	19	Ia. Wes. 2.....	I. S. N. S. Sum. 1 .....	.....
Linn Grove..	J. P. Senning.	8	North West. Col. Naperville Ill. 4 S. U. I. 1...	.....	West. Union C Le Ma

YEAR COURSES.

Program name.	Yr's experience in H.S.	High School Courses.									
		Branches studied.	Number weeks.	Sec.	per week.	Rec. period.	Branches studied.	Number weeks.	Sec.	per week.	Rec. period.
.....	..	Algebra	32	5	25		Civics	32	5	15	
		Geometry	32	5	25		Physical Geog. ..	32	5	15	
		General Hist.	32	5	25		Physics	32	5	20	
.....	..	Algebra	72	5	0		Civics	22	5	25	
		Arithmetic	72	5	3		Physical Geog. ..	16	5	30	
		General Hist.	24	5	2		English	96	5	2	
		U. S. History	36	5	25		Physiology ..	16	5	25	
....	..	Algebra ..	36	5	25		Civics ..	2	5	25	
		Geometry	36	5	2		Physics	10	5	25	
		General Hist.	42	5	25		English	72	5	25	
.. . .	4	Algebra	30	5	3		Civics	30	5	2	
		Geometry-Solid	32	5	3		Physical Geog. ..	30	5	30	
		U. S. History	22	5	25		English	44	5	25	
.....	2	Algebra	36	5	2		Civics	30	5	35	
		Arithmetic	36	5	25		Physical Geog. ..	22	5	25	
		General Hist.	22	5	25		Physics	36	5	25	
.....	1	Algebra	32	5	3		Civics	36	5	30	
		Arithmetic	32	5	3		Physical Geog. ..	12	5	30	
		General Hist.	36	5	3		Physics	32	5	30	
.....	...	Algebra	32	5	30		Civics	16	5	20	
		Arithmetic	32	5	3		Physical Geog. ..	16	5	20	
		General Hist.	36	5	3		Physics	32	5	20	
		U. S. History	36	5	2		English	64	5	20	
.....	..	Algebra	44	5	25		Civics	24	5	25	
		Arithmetic	44	5	2		Physical Geog. ..	2	5	25	
		General Hist.	48	5	15		Physics	32	5	25	
		U. S. History	16	5	35		English	44	5	25	
.....	3	Algebra	52	5	3		Physical Geog. ..	18	5	25	
		General Hist.	42	5	25		Physics	32	5	30	
		Civics	18	5	25		English	72	5	25	
.....	4	Algebra	48	5	30		Civics	32	5	25	
		Arithmetic	4	5	30		Physical Geog. ..	32	5	30	
		General Hist.	32	5	30		Physics	16	5	35	
		U. S. History	32	5	30		English	61	5	30	
.. . . .	1	Algebra ..	32	5	30		Physics	32	5	30	
		Geometry	32	5	30		English	32	5	25	
		General Hist.	32	5	25		Political Econ. ..	16	5	25	
		Civics	16	5	30		Botany	16	5	30	
.....	.....	Algebra	34	5	...		Physical Geog. ..	24	5	...	
		Arithmetic	34	5	...		Physics	24	5	...	
		U. S. History	36	5	...		English	34	5	...	
		Civics	32	5	...		Physiology	36	5	...	
.....	.....	Algebra	72	5	30		U. S. History ..	36	5	30	
		Geometry	20	5	30		Civics ..	16	5	30	
		Arithmetic	36	5	25		Physical Geog. ..	16	5	30	
		General Hist.	36	5	25		Physics	36	5	30	
.....	.....	Algebra	54	5	30		Physical Geog. ..	16	5	30	
		Geometry ..	36	5	30		Physics	12	5	40	
		Arithmetic ..	16	5	30		English Lit ..	96	5	40	
		General Hist.	36	5	40		Physiology ..	18	5	40	
.....	6	U. S. History	36	5	40		Political Econ. ..	12	5	40	
		Civics	36	5	30		English	18	5	40	

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Little Rock..	A. J. Donald.....	8	.....	I. S. N. S. ....	.....
Lorhville.	N. L. McDarmid.....	8	.....	.....	Mich. State Nor. Col. 4.....
	B. A. Forrester.....	7	.....	I. S. N. S. 2. ....	.....
Lovilia....	Newton J. Hibbs.....	2	H. P. Col 2½.....	.....	.....
Lowden. ..	B. S. Longerbeam.....	9	.....	.....	Valparaiso ¼
Manly... ..	H. E. Dunn	14	.....	.....	Nora Springs Nor. Col.....
Martinsburg ..	W. H. Fasold	13	Drake.....	.....	.....
Meriden ..	W. O. Dailey	16	.....	.....	.....
Modale....	Susie Tamisica.....	17	.....	I. S. N. S. 1.....	Woodbine Nor. 1.
Mondamin	Geo. E. Missildine.....	11	.....	I. S. N. S. 4 .....	.....
McCalla- burg	C. M. Lotton.....	14	.....	.....	Northern Ill. Nor. Dixon
Nodaway.	J. V. Frazier.....	8	.....	.....	.....
Ollie.	S. E. Dibelbiss.....	.....	.....	I. S. N. S. 1¾ .....	.....
Ossian	Chas. A. Russell.....	12	.....	.....	Decorah Inst 4 yr.
Pacific Jet.	W. B. Gregg	12	.....	.....	Valparaiso 2..... H. P. Col. 1 term
Panama. ..	Albert McGinn	16	U. of Mo .....	.....	Denison College Drake 1-3.....

1 YEAR COURSES.

Degrees held.	Yr's experience in H. S.	High school Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
		Algebra.	72	5	15	Hyics of Iowa. ..	12	5	20	English.	60	5	30
		Geometry.	36	5	15	Civics of U. S. ..	8	5	20	Political Econ..	12	5	35
		Arithmetic.	36	5	15	Physical Geog. ..	12	5	25				
		General Hist..	36	5	20	Physics.	2	5	30				
		Algebra.	48	5	40	General History..	36	5	20	Physics.	36	5	30
		Geometry.	36	5	40	Hyics.	20	5	30	English.	24	5	35
		Arithmetic.	72	5	40	Physical Geog. ..	12	5	40	Latin.	72	5	30
		Algebra.	82	5	25	Physical Geog. ..	16	5	5	Music.	32	5	15
		Arithmetic.	82	5	10	Physics.	32	5	5	Book-keeping...	16	5	35
		Gen History.	16	5	6	English.	64	5	5	Orthog aphy...	8	5	20
		U S History.	16	5	1	Physiology.	16	5	25				
		Civics.	16	5	5	Political Econ..	16	5	25				
		Algebra.	36	5	30	U S. History.	30	5	25	English.	60	5	25
		Arithmetic.	5	5	25	Hyics.	8	5	25	Physiology.	20	5	25
		Gen History.	36	5	25	Physics.	32	5	30				
		Algebra.	36	5	30	U S History.	32	5	30	Physiology.	32	5	30
		Arithmetic.	36	5	30	Civics.	36	5	1				
		Gen History.	36	5	30	English.	72	5	20				
		Algebra.	36	5	30	Civics.	16	5	2	Political Econ.	16	5	30
		Arithmetic.	16	5	30	Physical Geog. ..	32	5	30	Word Analysis..	52	5	10
		Gen History.	32	5	30	Physics.	16	5	3	Book-keeping.	16	5	30
		U. S. History.	16	5	30	English.	48	5	4				
		Algebra.	54	5	40	Civics.	20	5	25	Physiology.	8	5	25
		Arithmetic.	18	5	40	Physical Geog. ..	20	5	35	Botany.	12	5	30
		Gen History.	36	5	40	Physics.	36	5	6				
		U. S. History.	12	5	40	English.	44	5	5				
		Algebra.	36	5	20	U S. History.	32	5	20	English.	48	5	15
		Arithmetic.	36	5	20	Civics.	12	5	15	Physiology.	24	5	15
		General Hist..	12	5	40	Physics.	8	5	25	Political Econ.	18	5	20
		Algebra.	60	5	40	U S. History.	12	5	40	Physics.	36	5	30
		Arithmetic.	36	5	40	Civics.	24	5	40	English.	72	5	30
		General Hist..	36	5	40	Physical Geog. ..	36	5	40	Political Econ.	24	5	30
		Algebra.	40	5	2	U. S. History.	32	5	2	Physiology.	24	5	25
		Arithmetic.	36	5	25	Civics.	48	5	1	Latin-Beg.	16	5	35
		General Hist..	20	5	25	English.	48	5	25				
		Algebra.	48	5	40	Physical Geog. ..	12	5	40	Political Econ..	24	5	30
		Arithmetic.	36	5	40	Physics.	36	5	45	Botany.	12	5	30
		U. S. History.	32	5	30	English.	52	5	40	Penmanship.	36	5	40
		Civics.	18	5	30	Physiology.	16	5	40	Music.	72	5	30
		Algebra.	32	5	2	U. S. History.	32	5	25	English.	34	5	35
		Arithmetic.	32	5	2	Civics.	32	5	3	Physiology.	32	5	35
		General Hist..	32	5	30	Physical Geog. ..	32	5	45	Political Econ..	32	5	35
		Algebra.	72	5	30	U S History.	30	5	0	English.	12	5	25
		Arithmetic.	32	5	30	Civics.	32	5	40	Physiology.	16	5	35
		Gen. History.	32	5	3	Physics.	36	5	40	Book-keeping.	14	5	30
		Algebra.	36	5	30	U. S. History.	12	5	45	English.	90	5	25
		Geometry.	18	5	30	Civics.	18	5	25	Political Econ.	18	5	25
		Arithmetic.	36	5	40	Physical Geog. ..	24	5	35				
		Gen. History.	36	5	45	Physics.	18	5	30				
		Algebra.	36	5	25	Civics.	30	5	25	Physiology.	32	5	20
		Arithmetic.	36	5	30	Physical Geog. ..	30	5	45	Political Econ.	36	5	25
		Gen. History.	36	5	30	Physics.	36	5	40				
		U. S. History.	36	5	25	English.	36	5	20				

HIGH SCHOOL STATISTICS

High school.	Name of instructor.	Number of period.	Preparation.		
			Years in college or university.	Years in a State Normal.	Years in other institutions above high school grade.
Fa-nell ...	Mark Mullin. ....	...	.....	.....	Nor Ind Nor Co West Nor. Col.
Persia	L. A. Giddings	8	.....	.....	Woodbine Nor.
Pilot Mound	E. E. Bently.....	14	Simpson 2 .....	.....	.....
Pleas- anto,...	Emma Mark	22	Simpson Co. 2½..	.....	H. P. Col. 1½ C C. C. C. 18 mo.
Plymouth	Elmer Charlson.....	14	.....	I. S. N. S. 2½	.....
Polk City.	L. H. Andrews.....	8	S. U. I. 1.....	I. S. N. S. 8.....	.....
Prairie- burg.....	Llewellyn Danlap.....	12	Coe Col. 4.....	.....	.....
Princeton.	C. G. Umbaugh	16	.....	I. S. N. S. 8.....	.....
Promise City. ...	J. S. Ulm	11	.....	I. S. N. S. 2 sum- mer terms.....	.....
Quasque- ton.....	Anna E. Barrett....	12	.....	I. S. N. S. 8.....	.....
Quimby...	J. A. Gillaspie.....		Drake 5. ....	.....	.....
Richland..	J. H. Atkinson.....	10	.....	I. S. N. S. 1½ ..	.....
Ridgeway	H. N. Williams.....	17	Cornell 1.....	.....	.....
Riverton	Will R. Woodruff..... Anora Stephens.	6 7	Weeping Water 5 Simpson Col.....	.....	Fremont Nor
Rodney ...	Chas. R. Wiseman.....	18	Nabr. Wesleyan Univ.....	.....	.....

YEAR COURSES.

Location.	Yr's experience in H. S.	High School Courses.											
		Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.	Branches studied.	Number weeks.	Rec. per week.	Rec. period.
.....		Algebra	51	5	30	Civics	18	5	30	Physiology	18	5	30
.....		Arithmetic	51	5	30	Physical Geog. ..	18	5	30	Political Econ.	18	5	30
.....		Gen. History	34	5	30	Physics	18	5	30	Music	72	5	30
.....		U. S. History	18	5	30	English	72	5	30				
.....	2	Algebra	72	5	25	Civics	33	5	30	English	72	5	30
.....		Arithmetic	12	5	25	Physical Geog. ..	18	5	30	Physiology	24	5	20
.....		U. S. History	24	5	30	Physics	36	5	20	Political Econ.	18	5	35
.....		Algebra	36	5	25	Civics	20	5	15	Physiology	24	5	15
.....		Arithmetic	30	5	15	Physical Geog. ..	36	5	15	Political Econ.	12	5	15
.....		Gen. History	34	5	15	Physics	24	5	15				
.....		U. S. History	24	5	15	English	72	5	15				
.....		Algebra	32	5	30	U. S. History ..	32	5	30	English	48	5	30
.....		Arithmetic	34	5	30	Civics	3	5	30	Physiology	12	5	30
.....		General Hist.	32	5	30	Physical Geog.	18	5	30	Political Econ.	18	5	30
.....	2	Algebra	72	5	20	U. S. History ..	36	5	30	Physics	36	5	30
.....		Arithmetic	18	5	20	Civics	18	5	15	English	10	5	15
.....		General Hist.	36	5	20	Physical Geog.	24	5	20				
.....	7	Algebra	32	5	25	Civics	18	5	30	Physiology	24	5	30
.....		Arithmetic	34	5	20	Physics	32	5	35	Book-keeping	30	5	30
.....		U. S. History	24	5	20	English	64	5	20				
.....		Algebra	72	5	25	U. S. History ..	72	5	30	English	36	5	35
.....		Arithmetic	72	5	25	Physical Geog.	14	5	20	Physiology	18	5	30
.....		General Hist.	34	5	30	Physics	36	5	30				
.....	2	Algebra	36	5	30	U. S. History ..	18	5	30	English	108	5	30
.....		Arithmetic	36	5	30	Civics	72	5	30	Physiology	18	5	30
.....		Algebra	54	5	30	Civics	18	5	25	Political Econ.	18	5	30
.....		Geometry	8	5	30	Physical Geog.	18	5	30	Botany	16	5	40
.....	3	Arithmetic	32	5	30	Physics	32	5	30	Book-keeping	12	5	40
.....		General Hist.	8	5	10	English	48	5	0	Latin	8	5	30
.....		U. S. History	16	5	30	Physiology	14	5	30				
.....		Algebra	36	5	20	Civics	30	5	20	Physiology	12	5	30
.....	3	Arithmetic	36	5	20	Physical Geog.	18	5	30	Political Econ.	12	5	30
.....		General Hist.	36	5	20	Physics	12	5	30				
.....		U. S. History	12	5	20	English	60	5	20				
M		Algebra	36	5	20	U. S. History ..	24	5	20	English	34	5	20
.....		Arithmetic	12	5	20	Civics	14	5	20	Physiology	12	5	40
.....		General Hist.	36	5	20	Physical Geog.	24	5	15				
.....	5	Algebra	56	5	30	Civics	18	5	30	English	72	5	15
.....		Arithmetic	18	5	30	Physical Geog.	36	5	30	Political Econ.	20	5	30
.....		General Hist.	36	5	30	Physics	36	5	30				
.....		Algebra	54	5	25	U. S. History ..	35	5	15	English	30	5	25
.....		Arithmetic	14	5	25	Civics	36	5	25	Political Econ.	34	5	25
.....		General Hist.	36	5	25	Physical Geog.	18	5	15	Latin	26	5	25
.....	15	Algebra	44	5	40	Civics	36	5	15	English	72	5	30
.....		Arithmetic	18	5	40	Physical Geog.	26	5	35	Physiology	18	5	35
.....		General Hist.	36	5	40	Physics	36	5	40	Book-keeping	20	5	35
.....		Algebra	34	5	20	U. S. History ..	18	5	30	Physics	34	5	30
.....	1	Arithmetic	16	5	25	Civics	3	5	20	English	72	5	30
.....		General Hist.	36	5	20	Physical Geog.	18	5	20	Book-keeping	14	5	30

HIGH SCHOOL STATISTICS

High school.	Name of instructors.	Number of period.	Preparation.		
			Years in college or university.	Years in state Normal	Years in other institutions above high school grade.
Rose Hill.	Frank Souther.....	16	Oskaloosa Col. 2..		H. P. Col. 1.....
Rowan....	M. L. Howell.....	18		I S. N. S.	
Ryan.....	Mary Waddick.....	20		I. S. N. S. 4 ter..	
Schleswig.	F. N. Olry....	16		I S. N. S. 1½	
Searsboro.	F. S. Wright	16			Cor. Col. 2.....
South English.	O. Hamersly	14		I. S. N. S. 3.....	
Swaledale.	G. C. Clemmer.....	11	Cornell 2		
Tracy	H. H. Van Benthuyzen.....	20			
Union ville.....	W. K. Bishop.....	8		I. S. N. S 5 terms	
Walcott...	Henry E. Ronge.....	5			
Washta...	W. E Kapp	8	U. of Mich. 4.....		S. U. I. 1 sum. 200
Winthrop.	W. E. Moss.....	6		I. S. N. S 2	High. Park Col. 1 mo., Cedar Rapids Bus. Col. 3m
	Grace Shea	8			
Woolstock	E. F. Snow.....	12	Drake 4		

YEAR COURSES.

No.	Yrs. experience or in H.S.	High School Courses.											
		Branches studied.			Number weeks.			Rec. per week.			Branches studied.		
.....	5	Algebra	30	5 25	Civics	25	5 20	English	30	5 20	.....	30	5 20
		Arithmetic	30	5 25	Physical Geog.	15	5 20	Physiology	15	5 20			
		U. S. History ..	15	5 20	Physics	15	5 20						
.....	1	Algebra	35	5 25	U. S. History ..	25	5 25	English	25	5 25	.....	25	5 25
		Arithmetic	35	5 25	Civics	15	5 25	Physiology	15	5 25			
		Gen. History ..	35	5 25	Physical Geog.	25	5 25	Political Econ.	15	5 25			
.....	1	Algebra	72	5 30	Civics	35	5 15	English	120	5 20	.....	120	5 20
		Arithmetic	72	5 30	Physical Geog.	35	5 15						
.....	5	Algebra	25	5 25	Physics	35	5 30	Book-keeping	15	5 30	.....	15	5 30
		Arithmetic	35	5 25	English	135	5 20	Music	35	5 15			
		U. S. History ..	55	5 25	Physiology	35	5 25						
		Civics	25	5 25	Political Econ.	25	5 25						
		Physical Geog.	35	5 25	Botany	15	5 25						
.....	5	Algebra	45	5 25	Civics	20	5 25	Physiology	15	5 20	.....	15	5 20
		Arithmetic	5	5 30	Physical Geog.	15	5 25	Botany	5	5 25			
		Gen. History ..	32	5 25	Physics	25	5 25	Book-keeping	5	5 25			
		U. S. History ..	12	5 25	English	45	5 20	Word Analysis	15	5 20			
.....	.....	Algebra	32	5 20	Physical Geog.	15	5 20	Botany	15	5 20	.....	15	5 20
		Arithmetic	32	5 20	Physics	32	5 20	Book-keeping	15	5 20			
		General Hist.	32	5 20	English	64	5 20	Orthog. and word Anal.	15	5 20			
		U. S. History ..	15	5 20	Physiology	15	5 40						
		Civics	15	5 20	Political Econ.	15	5 20						
.....	4	Algebra	35	5 25	Civics	35	5 30	English	72	5 30	.....	72	5 30
		Arithmetic	35	5 25	Physical Geog.	25	5 20	Botany	12	5 20			
		General Hist.	35	5 25	Physics	35	5 25	Eng. and American classics.	35	5 20			
.....	10	Algebra	64	5 25	Civics	32	5 30	English	15	5 30	.....	15	5 30
		Arithmetic	32	5 25	Physical Geog.	15	5 25	Physiology	15	5 30			
		U. S. History ..	15	5 25	Physics	15	5 25	Political Econ.	15	5 30			
.....	1	Algebra	32	5 25	Civics	15	5 25	Political Econ.	32	5 30	.....	32	5 30
		Arithmetic	32	5 25	Physical Geog.	15	5 30	Botany	15	5 30			
		General Hist.	32	5 30	Physics	32	5 30	Book-keeping	15	5 30			
		U. S. History ..	15	5 30	English	33	5 30						
.....	3	Algebra	45	5 30	Civics	30	5 20	Political Econ.	20	5 30	.....	20	5 30
		Geometry	45	5 30	Physical Geog.	20	5 30	Botany	20	5 30			
		Arithmetic	40	5 30	Physics	40	5 30	German	30	5 15			
		General Hist.	40	5 30	English	120	5 20						
		U. S. History ..	40	5 20	Physiology	40	5 20						
.....	5	Algebra	35	5 35	U. S. History ..	15	5 35	Physics	35	5 35	.....	35	5 35
		Geometry	35	5 35	Civics	15	5 35	English	72	5 35			
		General Hist.	35	5 35	Physical Geog.	15	5 35	Botany	15	5 35			
.....	.....	Algebra	72	5 40	Physics	35	5 40	Latin	72	5 40	.....	72	5 40
		Civics	35	5 40	English	35	5 40						
		Physical Geog.	12	5 40	Political Econ.	24	5 40						
.....	4	Algebra	54	5 30	U. S. History ..	35	5 30	Eng. Lit.	144	5 30	.....	144	5 30
		Arithmetic	35	5 30	Civics	15	5 30	Physiology	15	5 30			
		General Hist.	35	5 30	Physical Geog.	15	5 30	German	35	5 30			



INDEX.

e numbers in column I refer to pages in Part I, while those Part I. Part II.
 in Column II refer to pages in Part II of this report.

Schools—For Training of Teachers.....	89	
lege Preparation—High Schools.....		161
rate Schools		161
e in Public Schools.....	83	
nts of County Superintendents on	35	
gricultural Clubs and Girls' Home Culture Clubs.....	40	
of Work for Boys' Agricultural Clubs.....	41	
of Work for Girls Home Culture Clubs.....	43	
—Recommendation concerning.....	75	
eneral—Opinion Concerning County School Tax.....	95	
—Compulsory.....	79	
verage Daily.....	6	5, 53
own and Village and Rural Schools Compared	23	
esident and Tuition		5, 53
e Daily—By Terms in each County	7, 23	102
.....	7, 23	5, 28
.....	9	18, 68
irectors—Circulars to.....	69, 78, 83	
.....	108	
a Statutes Protecting	110	
xaminers—The Educational—Membership—Officers.....	1.	
and Grounds, School.....	155	
f Information and Suggestions—1904-1905.....	66	
nty Superintendents.....	66, 81	
ning Flag Day.....	68	
Circulars	69	
rds of Directors.....	69, 78, 83	
Secretary	78, 86, 93	
Treasurer.....	94	
President of the Board.....	95	
Call of County Superintendents.....	74, 91	
ning Arbor Day.....	75	
Concerning Supplemental Institutes	76	
Enumeration.....	77	
Director of the Sub-District	89, 92	
ning the Reading Circle.....	92	
ool Tax—Opinion of Attorney General--Concerning the	95	
—Selections for	114	
s, State—Dates of Examinations	121	
as.....	122, 124, 136	
r.....	122, 134, 136	
.....	133, 134, 136	
y	133, 134, 136	
ar.....	134, 135	
ary	134, 136	
of Holders of.....	142	
tions concerning.....	171	
r, Number and Classes.....	9	16, 65
ees Collected.....	10	22, 78

	Part I	
Defining the School Year	19	
Large Versus Small District.....	20	
Independent City, Town and Village and Rural Corporations Compared	23	
Examination and Certification of Teachers	23	
Tax Levy for Transporting Children to and from School.....	27	
Heating, Lighting and Ventilating School Buildings.....	28	
A Worthy Example	28	
Accredited Schools for the Training of Teachers.....	29	
Reading Circle—Circular to County Superintendents.....	92	
Report of	100	
Reports of Secretary—Circulars Concerning the.....	77, 78, 93	
To Treasurer.....	94	
To President Concerning Reports... ..	95	
To Director of Sub-District.....	77, 93	
Superintendents of Public Instruction.....	6	
Statistics—General Summary of	6, 12	
School Districts—Classes of Corporations—Number.....	6	
Large Verses Small—.....	20	
Schools—Number, Length of Year.....	6	
Teachers—Number Employed—Compensation ..	6	
Scholars—Enumeration, Enrollment, attendance.....	6	
Schoolhouses—Number—Value	7	
District Libraries—Number Volumes.....	7	
Shade Trees—Number Thrifty Trees.	7	
Temperance Instruction—Rooms in which taught.....	7	
Schoolhouse Fund—Receipts—Expenditures... ..	7	
Contingent Fund—Receipts—Expenditures	8	
Teachers Fund—Receipts—Expenditures	8	
Examination of Teachers.....	9	
Visitation of Schools.....	9	
Appeals.....	9	
Compensation of County Superintendents.....	9	
Normal Institutes—Number, attendance	10	
Institute Fund.....	10	
Permanent School Fund.....	10	
Cost of Public Schools—Total.	10	
Computed on Taxable Property.....	11	
Computed on Population... ..	11	
Computed on School Enumeration.	11	
Computed on Total Enrollment.....	11	
Computed on Average Attendance.....	11	
Tabular Exhibit from 1847 to 1905.....	12	
Independent City, Town and Village and Rural Corporations Compared	23	
Biennial Period—1904, 1905.....		
Districts, Schools, Teachers, Pupils, Schoolhouses		5, 42, 5
Teachers' Fund.....		8, 8
Schoolhouse Fund.....		10, 12, 60, 62
Contingent Fund		11, 13, 61, 63
Examination of Teachers.....		14, 64
Visitations, Appeals, etc.....		18, 68
Summary of County Superintendents' Work.....		20, 70
Institutes, Attendance, Receipts, Expenditures.....		22, 72
Institute Faculties.....		24, 74
City Schools—8,000 or more population.....		26, 76
City Schools—1,500 to 8,000 population		28, 78
Graded Schools—Less than 1,500 population.....		30, 80
High Schools—1,000 or more population.....		32, 82
Special Library Report.....		47
Secretary—Circulars to the.....	73, 80, 98	49, 84
Superintendents—County—Circular to....	81	
Names of—Term, etc.....		1

Part I

Part II

ment with Secretary and Treasurer.....	93, 94, 95	
Days—Selections from Manuals for.....	98	
Year of Report of Educational Board of Examiners.....	136	
Corporations—Number—Classes.....	6	5, 49
Large Versus Small.....		20
Schools—Number—Length of Year.....	6	5, 49
Length of Year—Corporations Classified by:.....		96
Enrollment by Counties by Terms.....		98
Average Daily Attendance by Counties by Terms.....		102
Classified by Salaries Paid.....		108
Tenure of Teachers' Position.....		112
Tax Levy in Twenty Counties.....		118
Problem of Country School—An Address.....		116
City and Town and Rural—Compared.....	23	
Consolidation of—Sentiment Concerning.....		127
Legal Status.....		128
Study of three Schools—Lake Township, Clay County....		130
Lloyd Township, Dickinson County.....		134
Buffalo Township, Winnebago County.....		137
Conclusions Concerning.....		139
Albion and Marathon Consolidated Schools.....		140
In Indiana.....		141
tuition Pupils in Graded Schools.....		142
Education of the Farm Boy and Girl.....		5, 53 143
City—3,000 or more population.....		80, 80
City—1,500 to 3,000 population.....		81, 82
Graded, less than 1,500 population.....		82, 84
High Schools—1,000 or more population.....		47
Accredited by State University—List of.....		161
Private accredited by State University—List of.....		161
Faculties—College Preparation, Degrees etc—Summary...		162
Suggestive courses of study.....		163
Course recommended by Ia. State Teachers Ass'n Dec. 29, '29		166
Experiment of Iowa State Normal Concerning Course.....		168
Exhibit of curriculum as used at Iowa State Normal.....		174
List of—Four-year Course.....		176
List of—Three-Year Course.....		258
List of—Two-Year Course.....		290
—Enumeration, Enrollment, Attendance.....	6	5, 49
ouses—Number—Value.....	7	5, 53
ition of—New, etc.....		21, 71
Flags.....		21, 71
Year—Average Number of Months.....		5, 49
orations Classified by Length of.....		96
—of County Superintendents.....	9	18, 68
Of Teachers'—Average.....	6	5, 49
Of Teachers' Corporations, Classified by.....		108
Of Teachers in City and Town Schools.....		80, 80
Buildings and Grounds.....		154
er—Circular to the.....	94	
s—Number Employed—Average Compensation.....	6	5, 49
Examination of.....	9, 23	14, 64
The Licensing of.....	23	147
Average Age of.....		17, 67
ance Instruction—Rooms in which given.....	7	5, 53
and Non-Resident Attendance.....		5, 53, 143
of Teachers' Position.....		112
y for School Purposes—Twenty Counties.....		113



STATE OF IOWA

DEPARTMENT OF

Public Instruction

DESMOINES

November 1, 1906



JOHN F. RIGGS

COMPTROLLER OF PUBLIC INSTRUCTION

DESMOINES
JAMES C. H. GILBERT, PUBLISHER
1907



STATE OF IOWA

Department of Public Instruction

DES MOINES

SUPERINTENDENT OF PUBLIC INSTRUCTION

JOHN F. RIGGS.

DEPUTY SUPERINTENDENT

J. C. BENNETT.

STENOGRAPHER

BYRDELLA JOHNSON.

STATE BOARD OF EDUCATIONAL EXAMINERS

JOHN F. RIGGS, <i>ex officio</i> President,	-	-	-	-	-	-	Des Moines
GEORGE E. MACLEAN, <i>ex officio</i> ,	-	-	-	-	-	-	Iowa City
HOMER H. SEERLEY, <i>ex officio</i> ,	-	-	-	-	-	-	Cedar Falls
OWEN J. McMANUS,	-	-	-	-	-	-	Council Bluffs
MARIA M. ROBERTS,	-	-	-	-	-	-	Ames
VIOLA H. SCHELL, <i>Secretary</i> ,	-	-	-	-	-	-	Des Moines

Supt. Z. C. Thornburg will succeed Supt. O. J. McManus January 1, 1907.



LETTER OF TRANSMITTAL.

To His Excellency, ALBERT B. CUMMINS, Governor of the State of Iowa:

SIR:—I have the honor to submit herewith, as required by law, the Report of the Department of Public Instruction for the period beginning September 18, 1905, and ending June 30, 1906.

JOHN F. RIGGS,
Superintendent of Public Instruction.

December 1, 1906.

SUPERINTENDENTS OF PUBLIC INSTRUCTION.

TERRITORY AND STATE OF IOWA.

Name	County	Time	Postoffice
Reynolds.....	Des Moines...	1841-1842	Deceased.
Harlan.....	Henry	1847——	Deceased.
I. Benton.....	Dubuque	1848-1854	Deceased.
D. Eads	Lee	1854-1857	Deceased.
C. Stone	Johnson	1857——	Deceased.
Fisher.....	Clayton.....	1857-1858	Deceased.
Wille	Mitchell	1864-1867	Deceased.
Wm. Wells.....	Johnson	1867-1868	Deceased.
Missell.....	Scott	1869-1872	Deceased.
Abernethy.....	Crawford.....	1872-1876	Osage.
Wm. Coelln	Black Hawk..	1876-1881	New London.
Wm. Akers.....	Linn	1882-1888	Chicago, Ill.
Wm. Sabin.....	Clinton.....	1888-1892	Des Moines.
Wm. Hoepfler	Allamakee....	1892-1894	Cedar Falls.
Wm. Sabin.....	Clinton.....	1894-1898	Des Moines.
Wm. C. Barrett.....	Mitchell	1898-1904	Ames.
Wm. Riggs.....	Keokuk	1904——	Des Moines.

office of superintendent was abolished in 1842. Again in 1858 in was ed and the duties were performed by the State Board of Education, h Thos. H. Benton acted as secretary for five years.

GENERAL SUMMARY OF STATISTICS.

SECRETARIES' REPORTS.

SCHOOL DISTRICTS.

	1895	1900	1905	1906
School townships.....	1,193	1,187	1,182	1,187
Independent districts.....	3,614	3,686	3,766	3,793
Whole number of districts.....	4,807	4,873	4,948	5,015
Sub-districts.....	9,280	9,423	9,403	9,286

SCHOOLS.

Ungraded.....	12,517	12,615	12,263	12,067
Rooms in graded.....	4,777	5,766	6,607	6,690
Whole number.....	17,294	18,381	18,870	18,777
Average duration in months.....	8	8	8	8.5

TEACHERS.

Males employed.....	5,726	4,948	3,598	3,549
Females employed.....	22,117	23,841	26,021	26,102
Whole number.....	27,843	28,789	29,619	29,650
Average monthly compensation—males.....	\$37.68	\$40.20	\$48.62	\$59.08
Average monthly compensation—females.....	\$31.63	\$30.24	\$36.06	\$39.90

SCHOLARS.

Between five and twenty-one—males.....	362,364	371,164	363,152	353,044
Between five and twenty-one—females.....	350,577	359,990	355,630	349,799
Total Enumeration.....	712,941	731,154	718,782	707,943
Enrolled in public schools.....	533,824	566,223	550,376	549,449
Total average attendance.....	339,300	373,474	375,563	375,639
Percentage enrollment on enumeration.....	.75	.78	.77	.78
Percentage attendance on enrollment.....	.64	.66	.68	.68
Percentage attendance on enumeration.....	.48	.50	.52	.53
Average tuition per month per scholar.....	\$1.87	\$1.96	\$2.23	\$2.14

SECRETARIES' REPORTS—CONTINUED.

SCHOOLHOUSES.

	1895	1900	1905	1906
ole number.....	13,613	13,861	13,993	13,947
ie.....	\$15,645,543	\$17,655,992	\$22,456,618	\$ 23,198,769

APPARATUS.

ie.....	569,910	798,294	847,998	871,174
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DISTRICT LIBRARIES.

nber of volumes.....	151,561	334,300	794,769	881,398
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SHADE TREES ON SCHOOL GROUNDS.

nber of growing trees.....	182,610	219,904	269,959	199,601
----------------------------	---------	---------	---------	---------

TEMPERANCE INSTRUCTION.

ools teaching effects of stimulants	16,987	17,510	18,218	18,052
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TREASURERS' REPORTS.

SCHOOLHOUSE FUND.

RECEIPTS.

	1895	1900	1905	1906
and at last report.....	\$ 395,514.91	\$ 434,467.13	\$ 478,110.12	\$ 552,737.60
m district tax.....	739,887.26	803,850.14	960,811.22	899,467.42
m other sources.....	581,090.30	694,698.26	561,256.62	354,266.06
Total receipts.....	\$1,716,492.47	\$1,933,015.53	\$2,000,177.96	\$ 1,806,471.08

REPORT OF THE TREASURERS' REPORTS—CONTINUED.

EXPENDITURES.

	1895	1900	1905	1906
For schoolhouses and sites	\$ 658,656.17	\$ 664,141.23	\$ 777,241.36	\$ 623,403.18
For libraries and apparatus	13,430.10	2,297.08	802.33	447.55
On bonds and interest	520,931.33	532,396.18	473,318.26	412,997.56
Paid for other purposes	169,834.33	158,856.09	196,078.41	180,874.02
Total expenditures	\$ 1,362,851.93	\$ 1,357,690.58	\$ 1,447,440.36	\$ 1,217,722.31
On hand	353,640.54	575,324.95	552,737.60	588,748.77
Total	\$ 1,716,492.47	\$ 1,933,015.53	\$ 2,000,177.96	\$ 1,806,471.08

CONTINGENT FUND.

RECEIPTS.

On hand at last report	\$ 543,215.48	\$ 708,241.07	\$ 772,662.94	\$ 876,705.65
Received from district tax	1,631,354.76	1,675,388.91	2,286,455.38	2,302,487.36
Received from other sources	221,397.58	234,340.19	310,770.27	215,647.00
Total receipts	\$ 2,395,949.82	\$ 2,617,970.17	\$ 3,369,888.59	\$ 3,394,840.51

DISBURSEMENTS.

For fuel, rent, repairs, etc	\$ 1,114,181.10	\$ 1,282,340.35	\$ 1,707,536.51	\$ 1,394,104.01
Paid secretaries and treasurers	137,673.02	142,387.61	156,167.09	152,504.32
For records and apparatus		43,305.06	39,912.37	34,355.77
For library books and dictionaries		16,705.36	19,028.35	11,864.67
For free text-books		23,219.04	26,393.53	26,362.75
For text-books and general supplies	209,365.61	182,251.40	146,893.94	134,105.21
For other purposes	344,687.57	279,239.14	397,056.27	395,472.58
Total expenditures	\$ 1,805,907.30	\$ 1,969,447.96	\$ 2,492,968.06	\$ 2,148,759.31
On hand	590,042.52	648,522.21	876,900.53	1,246,081.20
Total disbursements	\$ 2,395,949.82	\$ 2,617,970.17	\$ 3,369,888.59	\$ 3,394,840.51

TEACHERS' FUND.

RECEIPTS.

On hand at last report	\$ 2,058,200.86	\$ 2,719,465.88	\$ 3,231,405.69	\$ 3,457,862.77
From district tax	4,305,995.81	4,715,506.75	5,969,517.74	6,017,401.71
From semi-annual apportionment	838,531.56	816,581.22	897,490.41	881,348.00
From other sources	140,508.48	187,205.91	208,652.93	227,411.81
Total receipts	\$ 7,343,236.71	\$ 8,438,759.76	\$10,307,066.77	\$10,584,044.39

EXPENDITURES.

Paid teachers	\$5,075,492.87	\$5,606,932.59	\$ 6,745,416.24	\$ 6,843,780.72
Paid for other purposes	73,623.01	94,848.06	69,484.30	106,799.55
Total expenditures	\$5,159,115.88	\$5,701,780.65	\$ 6,849,181.50	\$ 6,950,580.27
On hand	2,194,121.33	2,736,979.11	3,457,885.27	3,633,464.12
Total	\$7,343,236.71	\$8,438,759.76	\$10,307,066.77	\$10,584,044.39

COUNTY SUPERVISION.

EXAMINATION OF TEACHERS.

	1895	1900	1905	*1906
First grade certificates issued.....	11,848	3,308	3,649	1,679
Second grade certificates issued....	14,336	14,131	14,205	7,276
Third grade certificates issued.....	1,145	7,144	5,531	3,223
Other certificates issued.....		723	1,026	452
Total number issued.....	27,329	25,306	24,411	12,630
Applicants rejected.....	5,225	4,456	4,702	2,683
Total number examined.....	32,554	29,762	29,195	15,313
Certificates revoked.....	4			5
Average age of applicants.....	22.8	22	22	23
No experience in teaching.....	3,876	3,560	4,131	2,607
Taught less than one year.....	3,852	4,208	4,340	3,010
With state certificates or diplomas.	677	1,285	1,557	1,579

VISITATION OF SCHOOLS.

Schools visited.....	11,692	9,912	10,487	10,852
Visits made during the year.....	15,167	12,343	12,646	12,598
Educational meetings held.....	1,098	1,128	795	827

APPEALS.

Number of cases.....	62	43	23	11
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COMPENSATION.

Total paid county superintendent..	\$ 120,780.00	\$ 120,978.00	\$ 125,889.00	\$ *91,869.50
Average received per annum.....	1,220.00	1,222.00	1,272.00	*927.98

* Report covers period from September 18, 1905 to June 30, 1906.

TEACHERS' NORMAL INSTITUTES.

Number of institutes held.....	99	99	99	*35
Continuing weeks.....	2.3	2.1	1.8	1.6
Males in attendance.....	3,678	2,412	1,718	616
Females in attendance.....	18,682	17,132	17,207	6,069
Total attendance.....	22,360	19,544	18,925	6,685

INSTITUTE FUND.

RECEIPTS.

On hands at last report.....	\$ 17,968.14	\$ 14,564.88	\$ 14,885.12	\$ *16,409.36
Examination fees.....	32,822.00	32,588.00	32,763.00	16,867.00
Registration fees.....	22,360.00	19,544.00	19,075.00	6,685.00
State appropriation.....	4,950.00	4,950.00	4,950.00	2,000.00
From other sources.....	737.29	1,437.16	540.96	533.46
Total.....	\$ 78,857.43	\$ 73,084.04	\$ 72,214.08	\$ 42,494.82

REPORT OF THE
INSTITUTE FUND—CONTINUED.
EXPENDITURES.

	1895	1900	1905	*1906
For instruction and lectures.....	\$ 48,579.39	\$ 51,711.51	\$ 49,110.97	\$ 17,072.59
For incidentals.....	10,483.79	6,963.17	6,685.26	2,708.00
On hand	19,794.25	14,409.36	16,417.85	22,713.63
Total	\$ 78,857.43	\$ 73,084.04	\$ 72,214.08	\$ 42,494.22

*The period for reporting closed June 30, 1906. Many institutes were held after that date, but will appear in the report for the year ending June 30, 1907.

PERMANENT SCHOOL FUND.

Amount in September		\$4,760,520.54	\$ 4,777,994.00
Interest on the same		214,132.30	219,947.00

THE COST OF OUR SCHOOLS.

For teachers' salaries.....	\$5,075,492.37	\$5,606,932.59	\$ 6,745,416.24	\$ 6,843,780.62
For schoolhouses, apparatus, etc..	736,719.66	707,446.29	817,153.73	657,758.95
For general contingencies	2,505,662.58	2,714,540.31	3,227,039.95	2,815,522.32
Total	\$8,317,874.61	\$9,028,919.19	\$10,789,609.92	\$10,317,061.89

COMPUTED ON TAXABLE PROPERTY.

NUMBER OF MILLS FOR EACH DOLLAR OF ASSESSED VALUATION.

Teachers' salaries.....	10.4	10.8	10.8
Schoolhouses, apparatus, etc.....	1.3	1.3	1.
General contingencies.....	5.3	5.3	4.4
Total.....	17.	17.4	16.2

ON ESTIMATED POPULATION

FOR EACH INDIVIDUAL OF ENTIRE POPULATION.

Teachers' salaries	\$ 2.47	\$ 2.52	\$ 3.05	\$ 3.10
Schoolhouses, apparatus, etc.....	.36	.32	.37	.30
General contingencies.....	1.22	1.22	1.47	1.27
Total.....	\$ 4.04	\$ 4.06	\$ 4.89	\$ 4.67

ON SCHOOL ENUMERATION

FOR EACH YOUTH BETWEEN FIVE AND TWENTY-ONE.

Teachers' salaries.....	\$ 7.12	\$ 7.67	\$ 9.38	\$ 9.38
Schoolhouses, apparatus, etc	1.03	.97	1.14	1.14
General contingencies.....	3.53	3.71	4.49	3.53
Total.....	\$ 11.68	\$ 12.35	\$ 15.01	\$ 14.05

ON TOTAL ENROLLMENT
FOR EACH PUPIL ENROLLED IN SCHOOL.

	1895	1900	1905	1906
Teachers salaries	\$ 9.51	\$ 9.90	\$ 12.26	\$ 12.44
Schoolhouses, apparatus, etc	1.38	1.25	1.48	1.23
General contingencies.....	4.69	4.79	5.86	5.12
Total.....	\$ 15.58	\$ 15.94	\$ 19.60	\$ 18.79

ON AVERAGE ATTENDANCE
FOR EACH PUPIL ACTUALLY IN ATTENDANCE THE AVERAGE TIME.

Teachers' salaries.....	\$ 15.38	\$ 15.01	\$ 17.21	\$ 18.22
Schoolhouses, apparatus, etc.....	2.24	1.89	2.18	1.76
General contingencies.....	7.46	7.27	8.98	7.50
Total.....	\$ 25.08	\$ 24.17	\$ 28.37	\$ 27.48

TABULAR EXHIBIT SHOWING THE GROWTH OF THE PUBLIC

Year	Districts		Schools		Teachers				Pupils				
	School townships	Independent districts	Subdistricts	Rural schools	Rooms in town and city schools	Average annual session		Number Employed	Average Compensation per Month	No. of persons between the ages of 5 and 21 years	Number enrolled in public schools	Total average attendance	Average cost of tuition per mo
						Months	Days						
1847		416											
1848		692		106				101	25	615.43	8 8.30	40,646	17,230
1849		1,005		354		4	4	235	245	14 52	7.64	50,042	24,504
1850		1,262		914		3	10	549	350	14 76	8 75	54,335	33,060
1851		1,354		1,181				706	432			55,080	33,033
1852		1,580		1,268				806	525			100,042	42,442
1853		1,761		1,379		3	12	740	589				44,115
1854		2,352		1,520		3	9	961	772	19 61	9 30	111,063	50,014
1855													
1856		2,450		2,152				1,279	1,243	14 47	8 23	172,429	79,670
1857		3,265		2,708				1,572	1,434	24 39	12 95	185,245	96,574
1858			4,109	2,800				1,114	1,092	25 32	9 42	223,927	107,574
1859			4,574	4,243				2,901	2,364	27 04	17 16	240,511	127,449
1860			4,655	4,927				3,219	3,155	23 76	15 29	244,438	167,489
1861			4,902	5,502				3,763	3,562	24 24	16 20	292,570	193,315
1862			5,057	5,485				3,615	4,197	21 70	14 24	363,422	201,465
1863			5,172	6,227		4	2	2,987	5,563	22 00	15 09	391,715	219,550
1864			5,340	6,623		5	5	2,815	6,180	25 12	17 00	394,412	210,549
1865			5,572	5,732		5	5	2,854	6,467	31 64	22 40	424,539	217,240
1866			5,826	5,900		5	4	2,672	6,670	33 00	23 76	348,434	207,477
1867			6,194	6,229		5	6	3,076	6,967	35 44	24 64	372,449	217,185
1868			6,410	6,439	212	6	6	4,123	6,444	35 42	25 72	381,630	279,017
1869			6,773	6,796	221	6	12	4,479	7,515	36 96	27 16	414,104	294,174
1870			6,946	6,919	212	6	4	4,909	7,406	35 60	26 40	431,134	325,443
1871			7,116	7,423	269	6	10	5,493	8,547	36 00	27 40	442,429	341,429
1872			7,434	7,156	408	6	10	5,901	9,320	36 00	28 66	475,454	340,440
1873			7,814	8,297	419	6	10	6,091	10,193	36 29	27 04	491,444	347,572
1874			8,116	8,797	375	6	14	6,273	10,729	35 95	27 67	506,385	367,045
1875			8,422	9,203	407	6	16	6,500	11,645	36 94	29 34	533,171	394,012
1876			8,717	9,454	406	6	16	6,430	12,222	37 27	29 06	573,920	408,425
1877			9,015	9,844	476	7	5	7,344	12,514	34 44	29 06	567,852	421,163
1878			9,296	10,214	476	7	5	7,344	12,514	34 44	29 06	567,852	421,163
1879			9,543	10,457	2,043	7	7	7,573	13,579	31 71	26 40	577,454	431,317
1880			9,794	10,540	2,309	7	4	7,254	14,314	31 16	26 29	586,536	426,057
1881			10,004	10,741	2,311	7	8	6,544	15,230	32 50	27 25	594,730	431,513
1882			10,134	10,751	2,359	7	8	6,044	16,137	35 20	27 46	604,730	430,426
1883			10,355	10,571	2,720	7	2	5,035	16,521	35 21	27 40	621,042	477,222
1884			10,592	10,436	2,957	7	4	5,700	17,359	37 40	30 42	623,151	472,566
1885			10,546	10,349	3,080	7	4	5,409	17,908	37 95	29 45	634,407	477,973
1886			10,654	11,629	3,201	7	6	5,927	18,748	39 42	29 10	639,156	480,794
1887			10,661	11,742	3,194	7	8	6,017	19,265	39 00	29 50	638,448	487,129
1888			10,634	12,045	3,400	7	14	5,545	19,516	36 44	30 06	639,245	477,154
1889			10,704	12,046	3,523	7	14	5,432	20,361	37 52	30 37	649,006	490,229
1890			10,975	12,044	3,604	7	16	5,490	21,107	37 08	30 21	660,434	493,367
1891			10,989	12,174	3,654	7	16	5,224	21,541	37 54	30 42	669,541	503,755
1892			10,945	12,332	4,123	7	18	4,974	22,275	37 76	30 74	675,024	509,430
1893			10,945	12,397	4,324	7	16	4,857	23,464	38 72	30 41	697,150	513,614
1894			10,190	12,456	4,520	7	18	5,241	22,792	34 19	31 60	697,229	522,731
1895			10,240	12,577	4,777	8	0	5,726	22,117	37 04	31 63	712,941	523,824
1896			10,295	12,526	5,002	8	0	5,614	22,507	34 28	32 23	729,075	543,052
1897			10,311	12,574	5,184	8	2	5,424	22,304	37 01	30 45	727,634	546,434
1898			10,334	12,574	5,391	8	1	5,455	22,439	37 10	31 30	727,456	548,452
1899			10,374	12,616	5,561	7	9	5,577	22,440	44 31	30 30	727,775	554,942
1900			10,423	12,615	5,766	8	0	4,944	23,441	40 20	30 24	731,154	566,223
1901			10,441	12,623	5,975	8	9	4,757	24,044	41 53	30 04	735,150	562,692
1902			10,447	12,464	6,049	8		4,161	24,912	43 06	30 17	728,410	560,173
1903			10,428	12,472	6,262	8		3,743	25,554	45 90	32 00	721,446	550,202
1904			10,413	12,492	6,456	8		3,006	26,019	44 24	35 51	723,366	545,940
1905			10,403	12,263	6,607	8		3,504	26,021	46 02	36 06	716,892	550,376
1906			10,236	12,057	6,690	8	10	3,548	26,102	43 97	43 57	702,643	549,449

* Including independent districts.

† Rooms in town and city schools.

‡ No report in 1868.

SCHOOL SYSTEM OF IOWA FROM 1847 TO 1906 INCLUSIVE.

Schoolhouses	Value	Volumes in libraries	Teachers' Institutes held	Expenditures				Annual interest of permanent fund	Total equalized assessment of entire state	Year
				Teachers' salaries	Schoolhouses, grounds, libraries and apparatus	Fuel and other contingencies	Total			
				\$	\$	\$	\$	\$	\$	
	38,508	180		24,648	18,278	1,812	44,738	2,185	12,271,000	1847
	68,702	297		36,814	30,965	3,450	71,219	6,139	14,450,000	1848
	62,412	476		47,502	35,799	3,475	76,756	17,029	14,500,000	1849
	99,708	708		54,843	19,822	4,425	77,990	23,546	22,822,000	1850
	144,979	942		72,085	31,400	3,730	107,215	30,600	24,465,000	1851
	170,564	976		67,917	30,324	3,934	121,965	36,198	24,427,000	1852
								50,155	49,540,000	1853
								72,327	72,327,000	1854
								94,796	108,445,000	1855
	266,790	875		147,932	129,437	15,442	291,741	102,719	164,395,000	1856
	571,064	923		198,142	147,187	19,306	364,515	111,939	210,045,000	1857
	871,004	249	30	148,574	98,719	51,181	298,474	102,995	179,429,000	1858
1,049,747	527	14	393,590	108,602	67,241	617,000	145,035	197,423,000	1859	
1,208,740	2,325	22	445,668	158,391	52,179	655,938	142,151	195,395,000	1860	
1,324,427	2,805	23	518,591	134,908	40,953	694,447	140,427	177,451,000	1861	
1,290,294	3,496	56	515,930	130,806	49,027	704,771	155,217	175,000,000	1862	
1,394,794	3,457	60	570,115	100,252	58,289	788,657	132,706	167,109,000	1863	
1,739,131	4,640	62	696,872	199,000	78,029	964,291	135,329	165,000,000	1864	
2,163,724	6,299	59	856,725	297,452	111,699	1,265,677	139,840	215,068,000	1865	
2,696,757	10,234	69	1,008,624	572,592	154,739	1,737,955	165,344	220,000,000	1866	
3,450,974	9,303	67	1,161,652	662,034	145,910	2,039,597	177,791	256,517,000	1867	
4,297,944	8,776	65	1,330,823	917,000	415,494	2,662,911	201,403	290,000,000	1868	
5,374,542	8,932	74	1,438,964	941,000	406,195	3,146,034	204,604	295,000,000	1869	
6,191,623	11,269	78	1,636,951	1,039,404	379,065	3,043,430	239,356	300,000,000	1870	
6,899,910	11,462	75	1,900,493	925,617	432,990	3,269,100	238,111	349,039,000	1871	
7,495,926	11,762	85	2,130,047	1,212,722	722,697	4,065,666	249,077	366,076,000	1872	
8,164,325	12,944	84	2,244,876	1,194,093	796,695	4,239,454	273,769	399,124,000	1873	
8,222,935	10,719	92	2,447,420	1,154,745	832,646	4,433,482	304,936	374,340,000	1874	
8,617,956	13,120	97	2,596,440	1,114,694	892,626	4,606,749	319,997	395,423,000	1875	
9,375,923	17,122	94	2,794,009	1,109,057	1,205,619	4,967,774	393,021	401,264,000	1876	
9,644,973	17,229	99	2,953,645	1,108,799	1,000,000	5,197,429	276,990	404,670,000	1877	
9,161,701	20,367	99	3,011,230	1,101,966	990,212	5,102,399	294,013	401,699,000	1878	
9,086,145	22,591	98	2,927,309	1,149,719	979,452	5,051,479	276,214	405,654,000	1879	
9,242,242	22,609	98	2,901,944	1,241,599	797,708	4,921,249	292,903	409,419,000	1880	
9,532,692	26,751	96	3,040,716	1,263,852	825,441	5,129,929	299,622	419,316,000	1881	
9,949,344	27,699	99	3,219,320	1,404,737	935,212	5,554,259	225,997	426,291,000	1882	
10,473,147	34,749	99	3,620,506	1,429,390	1,041,696	6,091,442	229,749	464,105,000	1883	
10,909,093	23,922	99	3,695,451	1,497,395	1,053,123	6,246,971	242,710	464,509,000	1884	
12,690,326	57,095	99	3,777,092	1,227,915	1,049,605	6,054,313	249,260	499,952,000	1885	
11,690,326	46,527	99	3,991,039	1,290,125	1,071,005	6,352,172	250,393	499,540,000	1886	
11,706,439	55,303	99	4,026,919	1,292,791	1,096,756	6,376,469	255,207	500,960,000	1887	
12,007,340	63,199	99	4,107,102	1,251,194	1,046,399	6,406,599	261,762	504,901,000	1888	
12,940,345	74,991	99	4,197,165	1,592,777	1,099,198	6,896,129	263,690	522,567,000	1889	
13,715,796	84,967	99	4,319,871	1,390,894	1,010,778	6,710,217	269,329	520,992,000	1890	
13,184,914	94,701	99	4,454,590	1,611,412	1,074,195	7,144,194	247,695	531,394,526	1891	
13,800,152	106,130	99	4,599,326	1,247,306	1,595,110	7,421,552	223,999	533,999,309	1892	
15,110,494	122,729	99	4,799,323	1,303,970	1,420,092	7,513,375	229,509	565,457,799	1893	
16,007,499	151,904	99	4,957,251	1,471,535	1,421,734	7,800,540	237,067	559,992,362	1894	
16,645,543	151,561	99	5,075,492	1,362,952	1,479,531	7,917,975	225,063	559,995,252	1895	
16,867,425	176,519	99	5,206,297	1,290,451	1,451,309	7,937,046	234,916	555,994,549	1896	
16,355,442	212,702	99	5,264,354	1,341,995	1,454,199	7,440,429	229,910	555,091,274	1897	
16,790,073	252,972	99	5,315,187	1,293,634	1,409,977	7,401,799	236,355	472,404,061	1898	
16,904,076	300,796	99	5,417,063	1,253,663	1,490,163	7,521,499	236,277	472,490,432	1899	
17,655,962	334,200	99	5,606,932	1,259,444	2,162,142	9,029,919	237,400	539,752,759	1900	
18,223,749	453,554	99	5,747,329	1,413,987	2,190,446	9,321,652	217,995	539,462,619	1901	
18,999,923	534,110	99	5,991,652	1,411,422	2,163,916	9,556,990	214,074	572,940,291	1902	
20,299,565	642,779	99	6,242,936	1,655,751	2,396,312	10,394,999	214,125	657,997,295	1903	
21,692,042	714,492	99	6,541,754	992,961	2,162,577	10,696,992	214,129	641,932,592	1904	
23,456,618	794,769	99	6,745,416	951,997	2,192,397	10,799,810	214,194	630,994,110	1905	
25,196,799	961,399	25	6,843,791	1,096,549	2,419,809	10,317,002	219,947	624,729,822	1906	

THIRTY-THIRD BIENNIAL REPORT OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION.

IN GENERAL.

The cause of education in Iowa has in general had remarkable progress during the school year covered by this report. The prosperity of the State has been manifest not only in every commercial and business enterprise, but in our schools and colleges as well.

Of the many private and denominational colleges occupying an important place in the educational work of the commonwealth not one so far as known has shown decadence and many have had a phenomenal growth. The same is true in even larger measure of our State University, or State College of Agriculture and the Mechanic Arts and our State Normal School. It is a remarkable fact that while the population of the State has been practically stationary for a decade, the number of students in attendance upon our best high schools, normal schools, colleges and universities has more than doubled within that period. No educational phenomenon either in Iowa or the country at large is so marked as the trend toward higher education. The elementary schools have shown less marked advancement, yet progress is also discernible here. The average daily attendance last year was slightly in advance of the preceding year, while the average time the schools were in session was six days more than for any previous year. A marked advance is also shown in teachers' salaries, the average salary now paid male teachers in Iowa being \$63.97 per month, while women teachers receive an average of \$43.41 per month.* But to the careful student of statistics it is clear that the graded schools of the cities and towns have made most of the increase both in attendance and in salaries paid teachers. We still have hundreds of country schools maintained for from one to

* NOTE—The average compensation of teachers was found this year by dividing the the total amount paid teachers, male and female, by the total number of months all teachers, male and female, were employed, as is recommended by the National Bureau of Education. Formerly it has been the custom of this department to compute the average compensation upon the number of different teachers employed, disregarding the time, and the average compensation, as reported for the several corporations. By this method the average compensation this year is males \$49.77, females \$40.30. Hereafter the method employed this year and recommended by the Commissioner of Education will be employed.

ten pupils each. We still have many poorly prepared teachers. The need of eliminating the weak schools thereby making possible the retention of the best teachers and the rejection of the poorer ones is easily the most pressing educational need of the hour.

CHANGE IN CONSTITUTION AND LAWS AFFECTING TIME OF REPORTING.

The recently adopted amendment to the Constitution of Iowa whereby the election of all county, district and State officers is held biennially instead of annually has operated to change the ending of the biennial periods from the odd numbered to the even numbered years. The last biennial report of the Superintendent of Public Instruction was issued in 1905, hence this report, issued in 1906, covers but one year. Indeed, the statistical tables found at pages 49 to 95, Part II, of our last report, are brought down to the third Monday of September, 1905, whereas the statistical tables found in this report are for the period beginning with the third Monday of September, 1905, and ending with the 30th day of June, 1906.

Until this year the organization of all school boards was effected on the third Monday of March and the annual meeting for receiving reports from secretaries and treasurers was held on the third Monday of September.

CHANGE IN SCHOOL YEAR.

By Chapter 136, Acts of the Thirty-first General Assembly the school year for all purposes was made to end on June 30th, and the annual meeting appointed for July 1st.

This change in the law affecting approximately twenty thousand directors and ten thousand secretaries and treasurers has been inaugurated with less friction than was anticipated. There is a natural conservatism that is opposed to changes in the usual way of doing things. Directors were accustomed to meet on the third Monday of September. This date was in the main satisfactory to them. It was known that the first of July would not be so satisfactory, since it falls in a busier season. It was also known that the disadvantages and not the advantages would first appear and a strong protest on account of the change was expected. While some dissatisfaction has been manifested, it is gratifying to report that in general the change has been well received and it is confidently believed that, as the advantages become more apparent, the change will be very generally recognized as most beneficent.

COMPENSATION FOR DIRECTORS.

The annual meeting falling as it does in a busy season has accentuated the need, long felt, of adequate compensation for directors in attendance at such meeting. Where the meeting is held in the evening, as is usual in towns and cities, this need does not appear; but in the country, evening meetings are not common, and the business is not readily dispatched. As a result, the director must leave his work for practically a day. In such cases it seems but just that reasonable compensation be given. I recently called the attention of the directors of the State to this question in a circular letter that will be found on page 62 of this report. In response to the request that each director record his vote for or against the proposition 11,325 voted in favor of a change in the law that will empower boards to pay directors for attendance at the annual meeting and 2,230 voted against this proposition. In ten counties the county superintendents neglected to collect the data from school boards and forward same to this office. But from the reports received it appears that not less than 83 per cent of the school directors of the State approve the policy of permitting a reasonable per diem for directors in attendance upon the annual July meeting, and I heartily recommend such amendment to section 2780 of the Code as will make this possible.

PUBLIC SCHOOL SUPPORT.

The public schools of Iowa derive their support from three sources:

First. From the State—interest on the permanent school fund.

Second. From the county—a one to three mill county tax.

Third. From the district—a tax on the property of the school corporation.

The interest on the permanent school fund amounts to over two hundred thousand dollars annually, yet it constitutes but 2.3 per cent of the total revenues raised annually for school purposes, while the county tax amounts to but 5.2 per cent of the whole. It therefore appears that of all our school revenues 92.5 per cent is derived from the local or district tax. That the preponderance of support should come from the local school corporations no one will question. It is, however, a matter worthy of serious consideration whether the cause of popular education in this State would not be advanced by materially increasing the State support and by distributing it on a different basis than that which at present prevails.

The law now requires a pro-rata distribution of the county and State funds, each district receiving support in proportion to the number of persons resident therein between the ages of five and twenty-one years.

One district through a policy of false economy maintains a school for but six months in the year and employs the cheapest teacher that can be had. A neighboring district maintains a nine months' school and pays a salary that will command a superior teacher. If the two districts have the same number of persons of school age, the same support is received from the combined county and State funds; but the term in one is fifty per cent longer than in the other, the average daily attendance is likely to be from twenty-five to fifty per cent greater, and the training the pupils receive is of far higher value since given by a more competent teacher. No one can doubt that one school renders much greater service to the State than the other, yet the law treats them as equals.

APPORTIONMENT OF SCHOOL FUNDS SHOULD BE BASED UPON ATTENDANCE.

A different and more equitable distribution is entirely feasible. Every county superintendent is required to report to the Superintendent of Public Instruction on the last Tuesday of August the number of months of school maintained with the average daily attendance in each corporation of the county. The report is for the school year ending on the 30th day of the June preceding. It would be an easy matter to have a table prepared showing the average daily attendance for each school corporation on the basis of a nine-month school year. This table filed with the Auditor of State in lieu of the table we now file could then be made the basis for the apportionment of the interest on the permanent school fund.

This method would dispense with the expense and labor attendant upon taking the annual school census, since this census is taken for the purpose of determining the part of the semi-annual apportionment to which each school corporation is entitled. Should the apportionment be made on the basis of average daily attendance there would be no need of counting annually the number of persons in the State between the ages of five and twenty-one years.

Even with the present State fund this method of distribution would tend to encourage school boards to maintain nine months of school within the year and to take the necessary steps to secure a large enrollment with a high average daily attendance. It would

very soon appear to all, as is now manifest to some, that the more efficient the teacher the larger is the percentage of children enrolled and the more regular is their attendance; hence there would be an added inducement to school boards to secure the best teachers. This inducement to maintain a nine-month school under the management of an efficient teacher would be still greater, were the State to distribute a larger sum than is now available. And this leads me to the proposition that as a matter of simple justice and good public policy there should be laid a State tax for the support of the common schools.

A STATE LEVY FOR THE COMMON SCHOOLS.

The first duty of the State, after protecting the life and liberty of its citizens, is the education of its children and youth. The small district should not be left to determine for itself the question as to the extent and character of the education it will provide for its children. State supervision and State support are necessary to equalize the burdens of taxation and to insure to the children and youth of the State equal school privileges.

It is the policy of many States to maintain a State levy for the benefit of the common schools. Such levy in Nebraska is one-half mill; in Michigan it is seven-tenths of a mill; in Ohio one mill, while in Minnesota it is one mill, besides a liberal direct appropriation for special aid to such schools as maintain a prescribed standard. It should be noted that this one mill levy in Minnesota is in addition to the interest derived from the State fund, which fund is more than three times as great as the like fund in Iowa. Pennsylvania has no permanent school fund, as in the Middle and Western states, and no fixed State levy as in many of these States, but the Legislature appropriates biennially large sums for the support of the common schools. This appropriation for the biennial period, 1905-1907, was the great sum of \$11,000,000.

The policy is general in the United States for the State, either by a State tax, by a direct appropriation, or by interest derived from a permanent fund, and often by the combination of two and sometimes all of these, to provide a considerable part of the school revenues, supplemented in all cases by a local tax.

A few years ago the legislature of Iowa wisely provided for a half mill levy for a term of five years, that our State University, State Normal School, and State College of Agriculture and the Mechanic Arts might be properly developed. This tax has since been extended for another five years.

A similar levy should now be made for the common schools, and when the time arrives that, in the judgment of the legislature, a millage tax is no longer required for the development of our three State schools, the half mill levy now devoted to these schools should be transferred to the support of the thousands of our common schools where the education of all of our children must begin, and where with a large majority it must also end. A half mill levy added to the interest earned by the permanent school fund would place at the disposal of the State for the promotion of education in every district thereof, an amount approximating \$600,000 annually. Were we to have a State levy of one-half mill, or even one mill, the percentage of State support would still bear a very small ratio to the total of our school revenues, but it would be sufficient to accomplish vast good in the way of holding local districts to better standards, provided the apportionment be made with that end in view. Not only would such a fund distributed on the plan I have suggested give an impetus to better local support and improved conditions in the elementary schools, but a part of it could be very wisely applied in a way to greatly increase the efficiency of our public high schools.

SPECIAL AID FOR HIGH SCHOOLS.

There will be found in our last biennial report an exhaustive exposition of the courses of study offered in Iowa high schools. A comparison of these courses will convince any one of the utter lack of anything approaching uniformity, either in the length of the recitation period in a given subject, the number of weeks or months it is studied or the year of the course in which it is given. Indeed, a subject may hold a prominent place in one course and be omitted entirely from another, the two schools being of the same size and the two courses supposed to be of the same class.

There is to be sure a degree of uniformity in the college preparatory or Latin courses offered in about one-third of the high schools of the State, these being known as accredited schools.

The accrediting, as is well known, is done by the various colleges under the leadership of the State University. The work rendered by the University and the colleges in this particular has been of great value, but it has called particular attention at all times to the high school as a fitting school for college, whereas perhaps not more than twenty-five per cent of high school students ever enter higher institutions of learning. The high school, while having a close relation to the college, does not exist for the college. It is an institution occupying a distinct field and with ideals of its own. It should,

therefore, be under supervision free from any connection with the college, yet friendly to the college. But State supervision of high schools, while desirable, would be of small value without ample power given the supervising authority to define standards and enforce adherence thereto. By a judicious system of State aid to high schools this could be done in a way to avoid all friction and to leave every district the fullest freedom. The standard would be established by State authority. Those schools and those only measuring up to the standard would receive aid. In this way a very strong incentive would be offered every corporation capable of supporting a high school to bring its school to the required standard.

This would also afford an effective means of providing better training for thousands of country teachers. Every year more than one thousand high school graduates enter directly upon the work of teaching. A few of them subsequently go to the Normal School or to college, but their first term or first year is taught before they have received any training above that of high school grade.

It is entirely feasible for the State to commission strong high schools in all parts of the State to offer a year's course in advance of the regular work of such school and for the benefit of prospective teachers. It can hardly be expected that local communities will establish and adequately maintain such courses without State or county aid, but the value of an advanced or teachers' course in our best high schools will be apparent when it is remembered that thousands of teachers in Iowa have no scholastic training above that received in the public school of the home district. Attention is called to the very able argument in favor of State aid to high schools found at pages 38 to 48 of this report and contributed by Dr. Frederick E. Bolton, Professor of Education in the State University of Iowa.

THE NEW CERTIFICATE LAW.

The Thirty-first General Assembly passed a law transferring the licensing of teachers from county to State authority. The Educational Board of Examiners, with whom this power now rests, has perfected all arrangements for inaugurating the new system. In this work a large amount of printing was required, including blank forms, rules and regulations governing the issuing of the various certificates authorized, a complete card system for office records, and an adequate supply of certificates.

When the question of providing these supplies was taken before the Executive Council it was found that the Legislature had failed to give the Council authority to pay bills contracted by the Educa-

ional Board of Examiners. It was imperative that the supplies be had, and in this emergency the Superintendent of Public Instruction personally assumed the bills. The Legislature will be asked to appropriate an amount sufficient to cover the obligations incurred. It should be remembered in this connection that this is not a *new* expense. Prior to the taking effect of the new law the certificates for each county were bought by the county superintendent and *were paid for from the county fund*. The price paid was never less than \$2.50 per hundred, and in many instances it was \$3.50 per hundred. Under the new law it was found necessary to purchase thirty-seven thousand certificates. The amount paid was \$482. The same number of certificates purchased in small lots by the county superintendents as formerly would cost in the aggregate about \$1,100.

The new law so far as tested gives promise of meeting the fullest expectations of its friends. But one regular examination has been held under this law, attended by 603 applicants. Of the entire number writing, 263 secured certificates and 340 were rejected. Of those rejected 92 were subsequently given provisional certificates upon writing in a special examination as provided in section 19 of the Certificate Law. While the percentage of failures seems large, it is well to remember that many of the applicants had previously failed in the examination under the county superintendent, and that most of the others were young women barely old enough to be admitted to the examination. The average age of those failing was 19.15 years. But few teachers of experience or who have held certificates under the old law will write the examination before next June. It is believed the law will have a marked effect in encouraging better preparation on the part of teachers and that it will thus prove a great benefit both to teachers and schools.

DEFECTIVE STATUTES.

The Legislature has from time to time placed new duties and responsibilities upon the Educational Board of Examiners without providing for the additional expense necessary to properly execute the duties imposed.

A law of the Twenty-seventh General Assembly provided that the expenses of the Board for all purposes should be paid from the examination fees collected by the Board, but that in no case should the amount paid in any one year for all purposes exceed \$1,500. The Twenty-eighth General Assembly passed the Library Law,

charging the Educational Board of Examiners with the duty of preparing and publishing a list of library books biennially. It requires considerable time and expense to critically examine several hundred books and prepare a suitable list for the use of school officers, and it requires a further and much greater expense to publish same. Three of these library catalogues have been published and paid for as in the case of other State printing; but the Council has now discovered that since this publication is a work of the Educational Board of Examiners the expense must be met from the \$1,500 provided for in section 2634 of the Code. This fund being entirely inadequate, the catalogue that should be issued this year as required by law can not be issued until the Legislature provides the means.

The Twenty-ninth General Assembly passed a law providing for the inspection of a class of educational institutions known as "schools designed for the instruction and training of teachers for the common schools." The supervision and inspection of these schools was made a duty of the Educational Board of Examiners, and again no provision was made for meeting the expenses incident to such supervision and inspection. At the present time seventeen institutions in different parts of the State claim supervision and inspection under this law, a work the Board is powerless to perform until the Legislature provides the means. But aside from these added duties imposed by the Twenty-eighth and Twenty-ninth General Assemblies, the original work of the Board, as evidenced by the fees collected and paid into the State treasury has more than doubled since the Twenty-seventh General Assembly set \$1,500 as the maximum expenditure the Board could incur. To relieve the present distress and permit the Board to perform the duties imposed upon it by law, two amendments are imperative:

First. Extend the general provisions of section 2622 whereby the Superintendent of Public Instruction as President of the Educational Board of Examiners shall be empowered to publish and distribute all blank forms, circulars, examination questions, catalogues and certificates required to give effect to the laws touching the duties of the Educational Board of Examiners.

Second. Remove the arbitrary limitation of expenditures for all other purposes of \$1,500, but require that the expenditures shall in no year exceed the fees collected and paid into the State treasury by the Board.

In this connection I desire to call attention to the urgent and immediate need of revising sections 2629 to 2634 of the Code. These sections define and limit the powers of the Educational Board

of Examiners in the matter of issuing State certificates and life diplomas. The work has so far outgrown the statute that the Board is continually hampered and embarrassed.

In revising these sections the Board should be given authority to issue certificates without examination to successful teachers who come to us with State certificates or life diplomas from other States. At present this authority is denied the Board and in consequence we lose many superior teachers and subject others to unnecessary hardships.

Persons who have completed extended courses in colleges or normal schools should be excused from passing a part of the examination at least.

Since all teachers are now required to pay an annual registration fee of one dollar, the examination fee of three dollars now required for the State certificate should be reduced to two dollars.

There should be but one fund kept by the State Treasurer and subject to orders drawn by the Board of Educational Examiners. There are two such funds at present, which cause confusion.

THE SCHOOL LAWS SHOULD BE REVISED.

There is the most urgent need of a thorough revision of the school laws to the end that contradictory sections be brought into harmony and that all be simplified. This work no one General Assembly can be expected to accomplish. A commission should be named by the Thirty-second General Assembly to perform this important work and to report to the Thirty-third General Assembly.

THE SCHOOL TREASURER.

From the very beginning of our history as a State each school corporation has been under a local school board chosen by the electors of the corporation. Among other duties of the Board was that of electing a secretary and a treasurer annually. But the Twenty-seventh General Assembly took from school boards in all independent city and town corporations the power of choosing the school treasurer, making this office elective and fixing the term at two years.

Perhaps the controlling reason for the change was that in many towns and cities the election of school directors was conditioned on their subsequent choice of a treasurer friendly to this or that bank. The higher interests of the district were often forgotten in the selfish interests of individuals. The evil has been reduced since the term

of treasurers has been extended and the choice made directly by the people, but it has not been eradicated, as witness the strenuous contests waged for this office in many cities where greater interest seems to center in the result of this election than in the choice of directors who have in their keeping the general management and control of the school.

In the early history of the State the office of school treasurer was a necessity, but with the development of modern business methods and the multiplication of banks no valid reason remains for continuing this office. In fact there are very many reasons why the office should be promptly and finally abolished.

We have in Iowa at the present time 4,984 school treasurers. These officers handle over fifteen million dollars of school money annually. Taking the State as a whole, there is probably no day of the year when there is not from two million to five million dollars of school funds in the hands of these officers. That this is a conservative estimate is shown by the fact that on the third Monday of September, 1895, there was an unexpended balance in the hands of school treasurers of \$3,137,804.39. On the third Monday of September, 1900, the unexpended balance was \$3,960,821.27; on the third Monday of September, 1905, the balance was \$4,887,523.40; and on the 30th day of June, 1906, the balance was \$5,468,294.09. It should be observed that this enormous balance last given remained at the close of the school year after the salaries of teachers, secretaries, treasurers and janitors for the year were practically all paid. The next payment of salaries was more than three months away. Making the most liberal allowance for necessary expenditures during the summer months, it is clear that fully five million dollars of school funds were at the disposal of school treasurers and subject to their use from June to October, 1906, and the October apportionment was then near at hand.

I do not believe it good public policy in any department of government to levy taxes beyond the needs of the government in question. Good financiering on the part of a school board requires the levying of taxes ample to meet the expense and these can be known a year in advance almost to a nicety. Large balances should not be allowed to accumulate, and it is more than probable that such balances would not be allowed to accumulate in so many instances if the funds were held in the county treasury and not distributed to local school treasurers. It is believed, taking the State as a whole, that the balances now carried could be reduced more than half.

But a far more serious objection to our present system is the confusion of funds and the failure in numerous instances to keep accounts in an intelligible manner. County superintendents are put to enormous labor every year in securing accurate reports from school treasurers. In many instances they must visit the treasurers and go over their books for the year. Often the treasurer brings his books to the county superintendent's office that the accounts may be entangled. In other cases the only chance to throw the different funds in balance is to resort to the entry "Received from other sources" or "Paid for other purposes." With correct bookkeeping the entries here would be comparatively small as separate entries are provided for all fixed sources of income and outlay. But the reports of treasurers for the year ending September, 1905, show \$611,661.47 "Paid for other purposes" and \$1,080,679.82 "Received from other sources," while for the nine months ending June 30, 1906, there was "Paid for other purposes" \$666,522.48 and "Received from other sources" \$663,614.94.

It is not contended that funds are misapplied and lost to school districts, but it is contended that the system is cumbersome and that the treasurers' accounts are often kept so loosely as to make annual settlements with these officers difficult. It is also claimed that the school treasurer performs no service that could not be as satisfactorily and more economically rendered in the office of the county treasurer. The plan proposed would make no change in the manner of issuing school orders, which would be drawn as at present by the secretary and countersigned by the president of the board. The order when issued would specify the district and the fund on which drawn and would be addressed to the county treasurer instead of the school treasurer. Such a school order would be negotiable at par at any bank in the county. When it is remembered that there are 1,518 banks in Iowa, an average of more than fifteen to the county, it will readily be seen that teachers and others receiving school orders would not be inconvenienced in having their orders cashed; and if the persons receiving school orders will not be inconvenienced no valid reason remains for continuing our expensive and cumbersome system.

HIGH SCHOOL FRATERNITIES AND SORORITIES.

Within very recent years secret societies have been permitted to enter many of the larger high schools of the country. The suggestion for their organization was doubtless due to the prevalence of similar societies in the leading colleges and universities. Many

educators are of the opinion that secret societies have no rightful place in higher institutions of learning, while practically all are agreed that in public high schools they are wholly without excuse, and are in fact a constant menace to discipline; that they are breeders of clannishness, snobbery and a patronizing air toward other pupils; that they place allegiance to the fraternity above allegiance to the school; that they distract attention from school work; that they lead to extravagance and even to dissipation, and that their members combine to promote their own interests regardless of merit and against the interests of others.

The public school is intensely democratic and must always remain so. Any institution with tendencies opposed to this fundamental principle should not be tolerated in a public school of whatever grade.

High school fraternities and sororities have as yet invaded but few Iowa high schools. They should, in my judgment, be forbidden by statute in the schools where they are now found, and denied entrance into others.

COMPULSORY SCHOOL ATTENDANCE.

The Twenty-ninth General Assembly passed a law requiring school attendance for twelve weeks in each year of all children between the ages of seven and fourteen years.

The Thirtieth General Assembly increased the period of required attendance to sixteen weeks.

The value of a law of this character depends very largely upon the vigilance of local school authorities in enforcing its provisions. While in many communities the compulsory attendance law is in effect a dead letter, in many others its unquestioned value has been fully demonstrated.

Certain questions as to the effect of this law were recently submitted to the superintendents of schools in the larger towns and cities of the State and also to the county superintendents.

Following are the questions, with a summary of the answers received to each, from city superintendents:

1. What is the total estimated number of children brought into the schools through the Compulsory Attendance Law?

Answer. 3,008.

2. What is the estimated number brought in within the last school year?

Answer. 1,934.

3. Is there a tendency for children thus brought into the schools to drop out at the end of the sixteen weeks' compulsory attendance period?

Answer. Yes, 86 superintendents. No, 71 superintendents.

4. Is there danger of the sixteen weeks' compulsory period becoming the standard of attendance within certain classes?

Answer. Yes, 97 superintendents. No, 100 superintendents.

5. Is the Compulsory Law needed in your district?

Answer. Yes, 156 superintendents. No, 103 superintendents.

6. What is the total number of prosecutions under this law since 1902?

Answer. 151.

7. What is the total number of successful prosecutions since 1902?

Answer. 122.

8. In your opinion is the Compulsory Attendance Law of large value?

Answer. Yes, 185 superintendents. No, 66 superintendents.

It will be observed from the above answers that the enforcement of this law has been much more general within the past year than formerly, and there is every reason to believe that it will more and more prove its value as its unquestioned benefits are made manifest.

It is to be regretted that the Legislature did not at the first place the compulsory period at twenty-four weeks instead of twelve. The undoubted wisdom and justice of compulsory school attendance can not be successfully denied. The State is in duty bound to provide the means whereby its children may be trained for useful citizenship, and having provided the means it then becomes its duty to require that the means be applied. The Thirty-second General Assembly should extend the period of required school attendance to twenty-four weeks in each year.

As illustrative of the actual work being accomplished through the agency of this law in the cities of the State, I append four reports of truant officers. Many other similar reports might be given.

In the rural districts the law seems to have accomplished much good.

The following paragraph from the report of County Superintendent Charles Elliott of Black Hawk County, will serve to illustrate the method usually employed in rural districts where school officers and teachers co-operate to secure the maximum of attendance:

"There have been no prosecutions in this (Black Hawk) county within the knowledge of the present superintendent. Local school officers hesitate to begin action against their neighbors for violations of the law. They have been encouraged, however to report such cases

as may exist in their districts to the county superintendent, who then writes to the offending parents or guardians, citing the provisions of the law and the penalties for its violation. This course has always been effective, and in every instance has resulted in prompt enrollment and quite regular attendance upon the part of the children whose absence from the schools had been the previous cause of the complaint. Without the law nothing could have been done."

REPORT OF TRUANT OFFICERS.

Cedar Rapids.

To Superintendent J. J. McConnell and Board of Education.

Gentlemen.—I herewith submit to you report of work done as truant officer for school year ending June 1, 1906:

Total number of pupils visited once.....390
Total number of pupils visited two or more times.....139

Habitual truants or those whom it is necessary to watch all the time:

- 3 in Jackson.
- 4 in Jefferson.
- 3 in Monroe.
- 4 in Taylor.
- 3 in Polk.
- 4 in Tyler.
- 2 in Harrison.
- 5 in Van Buren.
- 4 in Adams.

Clothes furnished by S. S. Mission for six families.

Clothes furnished by different schools for forty families, namely:

- Harrison18 families
- Jefferson 5 families
- Monroe 1 family
- Adams 1 family
- Van Buren..... 6 families
- Taylor 3 families
- Tyler 6 families

Total40

Shoes for indigent children furnished by S. S. Mission.....1 pair
By N. W. Guild.....20 pair
By School Board..... 9 pair

Total30 pair

The work for the past year has been very successful but I have been compelled for the first time to make arrests of parents of scholars in five different cases:

- Monroe Building.....1
- Adams1
- Taylor1
- Polk1
- Tyler1

In all five cases those arrested were given the limit of fine as provided by law, but fines were suspended upon condition that children were kept in school.

In one case a mittimus was issued and the father of the pupils served seven-day sentence in county jail.

In the case of an incorrigible boy twelve years old he was sent to the district court and found guilty as charged and sentenced to Industrial school. He was paroled for good behavior, which lasted less than two weeks. I turned this boy over to the sheriff and he is now in the Industrial School.

Two other boys, ten and twelve years, respectively, were paroled and have since been good pupils and did not miss a day of school except for sickness.

In the cases of the other two boys who did not have homes, the Woman's Club took this matter up and had them sent to the Industrial school.

Thanking you for many favors extended, I am,
Yours truly,
H. T. SMITH,
Truant Officer.

Ottumwa.

To Superintendent A. W. Stewart and Board of Education.

Gentlemen.—I herewith submit to you the report of work done as truant officer for the school year ending June 1, 1906:

Total number of pupils visited once.....	450
Total number of pupils visited two or more times.....	250

Habitual truants or those whom it is necessary to watch all the time:

In Franklin	9
In Garfield	4
In Adams	2
In Douglas	3
In Hedrick	10
In Irving	5
In Agassiz	5
In Orchard	3
In Fairview	2

Clothing furnished by citizens to truant officers to be given to the needy, 300 pieces. I can not give the number of families receiving clothing, neither can I give the schools separate that received clothing.

Total number of pupils furnished with books, wholly or partly, 50.

The work for the past year has been very successful, but there have been two arrests of parents for refusing to send their children to school:

- 1 in Franklin.
- 1 in Agassiz.

In both cases those arrested were given the limit of fine as provided by law, but fines were suspended upon condition that the children were kept in school.

In one case a mittimus was issued and the father of pupil served a four and one-half day sentence in the county jail.

This being the first year of enforcing the Compulsory Law, I began work December 1, 1905, with 500 pupils' names compiled by the principals of the schools and the superintendent of schools. I found about 100 pupils of this list had left the city and about 50 new pupils had moved into the city that were not in school. I am

Truly yours,
(Signed) C. E. WOLF,
Truant Officer.

Marshalltown.

To Superintendent E. L. Coffeen and Board of Education.

Independent School District of Marshalltown, Messrs.—I have the honor to submit the following report as truant officer of the work done in the school year ending June 1, 1906:

Number of pupils reported to me as truant and visited once.....250

Number of pupils visited more than once and whom it was necessary to keep under supervision..... 35

Of the truants over 200 were returned to school after I took up the work as truant officer.

The greater number of truancy cases were from Woodbury, Abbott and Glick schools.

In six cases, one each from Anson, Abbott, Arnold and Glick Schools, and two from Woodbury School, the parents were brought into justice court and fined according to law, but fines were suspended and children were sent to school regularly the remainder of the year.

Three boys under fourteen years were brought into district court and committed to the Industrial School at Eldora. All were truants had homes and working parents. One was sentenced for stealing, one for frequenting questionable resorts and smoking cigarettes, and one for stealing and incorrigibility.

Three girls were sent to the Industrial School at Mitchellville—one for frequenting a house of ill fame, one for stealing, and one for incorrigibility.

One girl was taken before the mayor for stealing money from the teacher's pocketbook and confessed the theft. On account of her age, under ten years, she was reprimanded and turned over to the mother, who promised to keep better watch upon her. The child was taken out of school the last three weeks of the term.

The Associated Charities, Inter-Church Society and overseer of the poor have kept the children well supplied with clothing and none have been obliged to be truant on that account.

It has been noticeable, however, that in nearly every case of truancy the mothers have been shiftless housekeepers and the fathers drinking men.

The teachers have been very prompt in notifying me of truancy cases and have been universally helpful in having them reinstated.

Respectfully submitted,
(MRS.) ROSA LIEBIG,
Truant Officer.

Council Bluffs.

Report of truant officer to Superintendent W. N. Clifford and Board of Education.

Gentlemen.—I herewith submit to you report of work done as truant officer for the school year ending June, 1906:

Total number of pupils visited once.....	482
Total number of pupils visited two or more times.....	182
Total number of truants.....	50

None of these needed constant watching.

Clothes furnished by different schools for 66 families, namely:

Bloomer—1 family; shoes, 1 family.

Twentieth Avenue—6 families; shoes, 6 families.

Third Street—3 families; shoes, 3 families.

Eighth Street—10 families; shoes, 4 families.

Second Avenue—20 families; shoes, 5 families.

Avenue B—30 families; shoes, 15 families.

Thirty-second Street—4 families; shoes, 4 families.

Eighth Avenue—12 families; shoes, 4 families.

There was only one case in court, the father being fined ten dollars and his fine suspended on his promise to send his child to school regularly.

Homes were found for two orphans by adoption, and the last heard of them they were getting along nicely.

The work of the past year has resulted in much good, many children being kept in school more regularly than heretofore, and some compelled to go who would not have done so except for the effort of this department.

Thanking you for past favors, I am
Very truly yours,

R. HERNER,
Truant Officer.

UNIFORM COUNTY EXAMINATION.

QUESTIONS USED IN OCTOBER 1906 EXAMINATION.

Orthography.

(Answer all.)

1. What is a vocal? a sub-vocal? an aspirate? What is an elementary sound? How many elementary sounds in the English language?
2. Write the following words, divide into syllables, indicate the accent and mark diacritically: Recommend, sesame, pigeon, banana, equipage, Italian, industry, cudgel, Danish, futile.
3. Define: (a) prefix, (b) suffix, (c) penult, diphthong, digraph.
4. Use the synonym of each of the following in sentences:
Bravery, abandon, absolute, conceal, complete.
5. Spell the following words pronounced by examiner:
Reciprocity, general, receipt, revenue, scrupulous, biscuit, anxiety, charitable, practical, Tuesday.

U. S. History.

(Answer any five.)

- 1 (a) Discuss the application of the steamboat and locomotive to the settlement of the West. When did each begin its work? Show the influence of each in the settlement of Iowa.
(b) Discuss the effect of the discovery of gold in California on the settlement of Iowa.
2. Name five important treaties which the United States has made with other countries, tell the principal conditions of each, with name and approximate date.
3. Write briefly and specifically of the battle of Gettysburg as to its opposing forces, the result; its importance.
4. What territory has the United States acquired in the last ten years? Tell in detail in regard to each as to date, from whom, and why.
5. Give a history of tariff legislation in the United States.
6. Give a history of reconstruction period.

Penmanship.

(Thursday, October 25, 1906, following grammar.)

1. What is your estimate of the value of good materials for the use of pupils in the writing classes? What would you include in the list? How may these be procured?

2. Name some exercises that may be practical to secure muscular relaxation of arm, hand and fingers, before taking pen for work.

3. In what way could pupils be taught muscular movement practice here copy-books are used? How may you break up the finger movement habit?

4. Classify the small letters according to similarity of form.

5. What is a movement drill? What relation should it bear to the letter to be executed? Give examples.

Grammar.

(Answer any five.)

1. What determines the part of speech or class to which a word belongs? Illustrate with the word "like."

2. Write the plural of phenomenon, talisman, brother-in-law, genus, index, stratum, t, I, brother, money.

3. Define "case." Illustrate in sentences five different uses of the nominative case; underline the word in each.

4. "We knew it to be him." Parse each word in this sentence.

5. Lie, lay, rise, raise, sit, set are frequently misused. Use the proper form of each in following blanks:

(a) The shower has.....the dust.

(b) My watch.....on the bureau all day yesterday.

(c) It is reported that the boy.....five dollars.

(d) I am so weary that I must.....down.

(e) Why have you.....here so long?

(f) You have.....your coat on my new hat.

(g) Shall I.....for a little while?

(h) I.....late this morning.

(i) You may.....here.

(j) Shall we now.....?

(k) It was reported that the river had.....four feet.

How do you determine what is the correct word to use in the above?

6. (a) Name and illustrate the two uses of the compound pronoun myself." How is it often used incorrectly? (b) Why is the use of the auxiliary "had" with the verb "ought" incorrect?

Physiology.

(Answer any five.)

1. What is the function of glands? Describe general structure. Give examples and sketch to illustrate.

2. Name the digestive fluids. Tell what classes of food each affects.

3. Describe the eye and make sketch. Explain the condition of the eye which causes myopia (short-sight).

4. Explain reflex action.

5. Explain the effects of alcohol upon the digestive fluids and organs.

6. Describe the structure of teeth and make sketch to illustrate. Give directions for care of teeth.

Arithmetic.

(Answer any five.)

1. (a) Multiply thirty-two ten thousandths by 3.02 and divide the product by three and two-tenths.
(b) Write as decimals: $2\frac{1}{5}$ per cent, $\frac{1}{4}$ per cent, $\frac{7}{8}$ per cent.
(c) Extract the square root of 4.932841.
(d) Cube .01. Square 1.001.
2. A man was offered \$250 cash for his horse or a note for \$275, payable in 90 days. He chose the latter and discounted the note at the bank at 8 per cent. Did he gain or lose by his choice, and how much?
3. I bought a consignment of books listed at \$800 at $12\frac{1}{2}$ per cent off, and an additional 3 per cent off for cash. If I sold the books at an advance of 8 per cent on the list price how much did I gain? What was the gain per cent?
4. Define the following terms: Prime number, divisor, common divisor, factor, least common multiple, decimal fraction, ratio, root, power.
5. A contractor undertook to complete a piece of work in 84 days and engaged 30 men to do it. After forty days he put on 20 more men and then finished the work two days ahead of time. How many days behind hand would he have been if he had not employed the additional men?
6. A country is 460 miles long and 360 miles wide. What size sheet will be needed to make a map on the scale of $\frac{1}{8}$ inch to the mile with a border of two inches?

Vocal Music.

(Answer any five.)

1. Define each of the following: (a) clef, (b) flat, (c) sharp, (d) score, (e) signature.
2. Name three faults common in school singing and tell how to correct them.
3. Discuss the value of note reading and state where it should be emphasized in school work.
4. Write the major scale in A-flat, F-sharp and B.
5. Write all the notes and rests in common use. Illustrate three different kinds of time and locate the accent in each.
6. Tell (a) how to teach the intervals of the scale, (b) how to cultivate the sense of rhythm. (c) Give some devices for ear training.

Geography.

(Answer any five.)

1. If the inclination of the earth's axis to the plane of its orbit were 15° what would be the width of the Torrid zone? Of the Temperate zones? Of the Frigid zones? Illustrate by sketch.
2. What and where is the Gulf Stream? What are its effects on the adjacent lands? Mention two other ocean currents.
3. Define trade winds, simoons, belt of calms, timber line, snow line.

4. By description and sketch trace the course of the Missouri-Mississippi river, and locate the principal cities on its banks.

5. Where is each of the following obtained: Cork, coffee, raw silk, sa, salmon, cane sugar, seal skins, diamonds, bananas, cochineal?

6. Draw an outline map of Iowa, locating principal natural features. In this map draw also five or more trunk lines of railroad and locate principal cities. Indicate the location of your own county.

Didactics.

1. What use should be made of stories in teaching morals and manners?

2. Why should the order of instruction be from the concrete to the abstract?

3. Give two examples of improper punishment. State in general terms why they are improper.

4. What do you understand to be the difference between teaching, instructing and hearing classes recite?

5. (a) Define "percept."

(b) Define "concept."

6. Name the chief objects of the recitation.

7. What importance do you attach to interest and attention? What is the relation, if any, between interest and attention?

8. What is inductive teaching? Outline an inductive lesson.

9. Why is the teacher under obligations to comply with requests made by the county superintendent in the matter of attending and taking part in educational meetings?

10. What are the legal requisites before a teacher may enter upon his duties?

Reading.

(Answer any five.)

1. What are the essentials of good oral reading? How may they be secured?

2. "Mine eyes have seen the glory of the coming of the Lord;
He is trampling out the vintage where the grapes of wrath are stored;

He hath loosed the fateful lightning of his terrible swift sword;
His truth is marching on.

I have seen Him in the watch-fires of a hundred circling camps;
They have builded Him an altar in the evening dews and damps;
I can read His righteous sentence by the dim and flaring lamps;
His day is marching on.

Give the name of the poem and the author from which the above is taken. Ask five questions to bring out the meaning.

3. Name an important work of each of the following: Thoreau, Wordsworth, Bryant, Longfellow, Lowell.

4. Name five poems which you think well for children to commit to memory. Quote from one of them.

5. Suggest dictionary work for sixth grade pupils.

6. Name five superior books suitable for boys from ten to sixteen years of age.

REPORT OF THE

Elementary Civics.*

(Answer any five.)

1. (a) State three purposes of courts. (b) Classify Iowa courts.
2. (a) Define "government." (b) Name the branches of the Federal government.
3. Name two powers belonging exclusively to the United States Senate; two belonging exclusively to the House; one common to both.
4. Give the names of the United States Senators from Iowa. Explain how United States Senators are chosen.
5. (a) Give the preamble to the Constitution. (b) What is its purpose? (c) How is the Federal government supported? (d) How is the State government supported?
6. Define "habeas corpus," "ex post facto law." Why are such laws prohibited? Define "reciprocity" "plurality vote."

Physics.*

(Answer any five.)

1. (a) Define "matter," "molecule." (b) State the molecular theory of matter. (c) What is meant by the doctrine of "Conservation of Energy?"
2. (a) State three mechanical advantages derived from the use of machines? (b) What is meant by the efficiency of a machine? (c) How much work can a 4-horse power engine do in 6 minutes?
3. (a) Make a simple line sketch of a force pump with an air chamber and explain its action. (b) State Boyle's law for gases.
4. (a) State Pascal's principle with reference to the transmission of pressure. (b) Solve: A cubical block of wood two feet on edge is immersed in water to the depth of 12 feet. Find the pressure on one of its sides and also on its lower base. Assume that a cubic foot of water weighs $62\frac{1}{2}$ pounds.
5. How does sound energy originate? State two conditions necessary for its propagation through space. What is the velocity of sound in air? Why does sound travel faster in water than in air?
6. (a) Define heat. (b) Explain convection by means of an illustration. (c) Change 72° Fahrenheit into Centigrade and Reaumur readings.

Economics.*

(Answer any five.)

1. Mention the factors in production and show how each is related to the others.
2. (a) Distinguish between wages and profits.
(b) In what sense does transportation create value? (c) What is meant by the social dividend of a nation?
3. What do you understand by the Law of Diminishing Returns?
4. What limits the employer's ability to pay wages?

* Not required of applicants for second grade and third grade certificates.

5. How far in production are the interests of employer and employe at one? When they cease to be at one, which has the advantage, the employer or the employe? Why?

6. (a) What objects do trades unions seek to accomplish?

(b) What are the causes of strikes and what have been some of the results?

Algebra.*

(Answer any five.)

1. Find the value of x and y .

$$\frac{8x-(y+3)}{x+3}=2$$

$$9x-\left(\frac{12x-3y}{5}\right)=15$$

2. (a) A man agreed to do a piece of work on condition that he receive \$4 for each day he worked, and forfeit \$1 each day he was idle. He worked twice as many days as he was idle and received \$140. How many days was he idle?

(b) A man having a dollars spends b dollars and $\frac{1}{n}$ of the remainder; how many dollars has he left? (Express in simplest form).

3. Factor (a) $a^2+5ac+6c^2$

(b) $am-bm+an-bn$

(c) a^7-1

(d) $1000+27m^3$

4. (a) Find G. C. D. of

$x^3+5x^2+10x+8$ and x^5+2x^4-x-2 .

(b) Given the equation

$$\sqrt{x+1}+\sqrt{x-1}=\sqrt{\frac{2}{x+1}}$$

to find value of x .

3. If the length of a rectangle be increased five feet and the width three feet the area will be increased 270 feet; but if the length be diminished three feet and the width five feet the area will be diminished 266 square feet. Find the length and width.

6. Define term, factor, coefficient, exponent, power, root, equation. What is the degree of a term? When is a polynomial homogeneous?

* Not required of applicants for second grade and third grade certificates.

SPECIAL STATE AID TO HIGH SCHOOLS.

By Dr. Frederick E. Bolton, Professor of Education State University of Iowa.

Although the high school is of very recent development, it is so thoroughly accepted as an established part of the public school system that it is almost incredible that forty years ago it was argued by many to be undemocratic un-American and unconstitutional to support high schools at public expense. So slowly did this opinion disappear that from 1821, when the first high school was established in Boston, to 1860 only forty free high schools were established in the whole United States.

At the present time, however, it is a thoroughly established belief that the State must provide education for all of its future citizens and to any extent which they desire. Communities which at first regarded the high school as a trespasser upon elementary school funds have come now to regard it as the greatest uplifting agent in the community. They would no more think of lopping off the high school than of cutting off the first grade.

A comparatively new question has appeared upon the horizon with reference to the support of public high schools. It has been found that many communities with small property valuation, though struggling heroically, have found it difficult to maintain all grades of a public school, including the high school. As universal education for all has come to be regarded as absolutely necessary for the protection and preservation of the State, it has been asked why the State should not assist the small communities in providing as adequate public school facilities as the larger cities may easily provide because of their great aggregation of wealth. In short, is it not as much a legitimate function of the State to assist high schools by a direct bonus as it is to assist its normal schools and universities by special taxes and special appropriations? Several States have answered this in the affirmative by appropriating State money according to various plans for the maintenance of high schools.

Massachusetts was the first State to adopt the important policy of establishing high schools. The first one was established within its borders in 1821, and in 1826 it was made a matter of State policy to provide public high schools. At that time a law was passed requiring towns of over five hundred families to support a high school, but exempted towns of less than five hundred families. It might be said in passing that this was merely a modification of the law established by the "General Court" in 1647, which made it obligatory for towns of less than five hundred householders to maintain a school where children could learn to read and write, and towns having one hundred families

or householders were required to set up a grammar school, "Ye master thereof being able to instruct ye youth as farr as they may be fitted for ye university, provided that if any town neglect ye performance whereof above one yeare that from said town shall pay five pounds to ye next schoole." The above law remained the essential one concerning schools in Massachusetts for nearly one hundred fifty years. In 1891 the State ordered that every town without a high school of its own should pay for the tuition of all its properly qualified children in the high school of any other town or city, and, should it see fit, should pay for their conveyance also. In 1895 another step was taken. A law was passed to the effect that towns having a valuation of less than \$500,000 each, and without high schools of their own, might send their pupils to other high schools, approved by the State board of education, and then be reimbursed by the State for the actual amount of tuition thus expended. In 1902 the law was amended so as to extend its policy of State aid to high schools in the smaller towns. The essence of the law is to the effect that any towns of less than five hundred families and having a valuation of less than \$750,000 are entitled to receive from the treasury of the commonwealth all necessary amounts actually expended for high school tuition in approved high schools. Towns of less than five hundred families maintaining a high school of their own, and whose courses and equipment are approved by the State board of education, and employing at least two teachers, are entitled to receive annually from the State treasury \$300 for the support of said high school. Towns of less than five hundred families maintaining a high school with only one teacher are not entitled to any State aid. The inference is that State aid is offered as an inducement to employ more than one teacher. In the State there are 185 towns having less than five hundred families. Eighty-nine have a valuation of less than \$750,000 and are without high schools of their own, and are consequently entitled to the actual amount expended for tuition in approved high schools. There are eighteen with more than \$750,000 valuation without high schools, and are consequently entitled to State reimbursement for one-half of the tuition expended in approved schools. Thirty-three towns maintain high schools with two or more teachers, and consequently receive \$300 each. There are twenty-four towns with less than five hundred families, but, being assessed at more than \$750,000, and consequently are not entitled to State aid. The remaining twenty-one towns having less than five hundred families, but with a valuation of less than \$750,000, maintain a high school but employ only one teacher, and are consequently not entitled to an allowance from the State. The State requires that before being approved they shall be adequately equipped and taught by a principal and assistants of competent ability and good morals. It requires the school to give instruction in such subjects as the school committee consider expedient to be taught in the high school and in such additional subjects as may be required for the general purposes of training and culture as well as for the purpose of preparing pupils for admission to State normal schools, technical schools and colleges. One or more courses must be at least four years in length. The school must be kept open for the benefit of all the inhabitants of the city or town for at

least forty weeks, exclusive of vacations. Any town which does not maintain the school for at least thirty-six weeks, exclusive of vacations, is liable to have its share of the income withheld. As early as 1873 Maine established a system of free secondary schools. Under the provisions of the law of 1873 any town raising an expense fund for high schools was reimbursed to the extent of one-half the amount paid for teachers' wages and board, provided that no town was paid more than \$500. In 1875 there were organized 157 such schools in the 421 towns. In 1879 the legislature passed an act suspending the operation of the law for one year. In 1880 the legislature provided that instruction in the ancient and modern languages should not be given in any school aided by the State except in such schools as formed a part of the graded system. At that time the amount directly paid was reduced to \$250. Subsequent changes were made to provide for the free tuition of pupils residing in towns or districts not maintaining high schools. Since 1875 the growth of the system has been such that the number of towns in which free schools are maintained has been increased from 157 to 256 in 1898. The advance in the grade of scholarship required for entrance reduced the number to 220 in 1899 and 214 in 1900. "The act establishing high schools in 1873," writes the State Superintendent, "was a death blow to all but the stronger of the old academies. Many of them transferred their buildings and funds to the towns in which they were located and became free high schools. In 1891 the legislature granted fourteen academies an annual appropriation of \$500 each for ten years; two, \$800 each for ten years; and one, \$300 for ten years. The legislature of 1899 made an appropriation for quite a large number of academies." At the present time the academies receive generally \$500, but in special cases for maintaining additional courses, receiving a larger number of non-resident pupils, they may receive \$750 or even \$1,000 in case they maintain an English course, a college preparatory course and a training course for teachers, and have the requisite attendance. Pupils residing in districts not maintaining high schools shall have their tuition paid by their own district, and the district in turn is reimbursed by the State for one-half of the amount paid out, not to exceed \$250.

Wisconsin maintains what are known as free high schools. That is, they are graded schools maintaining a high school course of study and complying with other State regulations. These provide that there must be at least twenty-five pupils of a high school grade in order to establish the school. It can only be established by vote of the district and upon application to the State Superintendent, and after inspection and approval by that official; and it must maintain the State course of study. It is provided that not more than two free high schools may be established in one town, village or city. Two or more towns may unite for the purpose of securing this advantage. The purpose of the original law giving State aid to high schools in Wisconsin was to encourage the development of township or rural high schools. But as few took advantage of it the second class of high school districts in towns and villages received the major portion of the appropriation.

Approved schools are entitled to receive from the general fund of the State annually, one-half the amount actually expended for instruction therein. No school may receive more than \$500. The total amount appropriated is \$100,000 annually. If this is insufficient to pay the full amount to all they each receive a proportionate amount. Large schools, of course, never receive one-half of the total paid for instruction, but some of the smaller ones do.

The course of study laid down by the State Superintendent must be followed, or if deviations are made such changes must be clearly approved by him. They are at all times subject to inspection, and a State inspector is employed for that purpose. All free high schools must maintain one course termed the "English Course;" that is, a course without foreign languages. Most free high schools provide foreign languages, but they are not compulsory. In addition, "each free high school shall offer at least a twelve weeks' course of instruction each year in the theory and art of teaching; in the organization, management and course of study of ungraded schools, and in the duties of citizens in the organization and administration of local school systems. Such a course of instruction shall be open to all students," and a satisfactory standing must be secured by students who desire to have their high school diplomas countersigned by county superintendents after one year's teaching upon a first grade certificate for validation as a five-year State certificate.

All free high schools in Wisconsin are obliged to admit properly qualified pupils from other districts not possessing a free high school provided the facilities of the school will warrant it.

A regulation of vastly more importance than that pertaining to courses of study, however, is that which requires the school to be taught by teachers of superior qualifications. Every teacher must be a graduate of some university, college or normal school, hold a State certificate, the examination for which is very rigid, or pass an examination upon the branches taught. These last two forms of licenses can only be gained after a certain amount of experience in teaching. The principal of a four-year course high school must possess a life certificate or its equivalent. The diploma for the elementary courses of the normal schools or the five-year State certificate will not qualify their holder to assume such a responsible position as the principalship of a better class high school. All teachers in the free high schools must be similarly certified.

Wisconsin has recently taken another important step in providing a bonus for the graded schools in order to induce them to raise their standards and increase their efficiency. In 1901 a law was enacted appropriating \$300 to graded schools of the first class and \$100 to graded schools of the second class. A first class school is required to maintain three or more departments and a second class school must have two departments. In each case school must be in session nine months each year and the average daily attendance must be at least fifteen in each department. The school buildings and all property must be in approved condition. Ample equipment, including globes, maps, blackboards, library and other essentials for the proper work of the school

must be provided by the district. The law gives abundant evidence of being drafted by an expert in school matters instead of by the average legislator entirely lacking in pedagogical training. The law is, in fact, one of the many splendid monuments to the wisdom and foresight of Dr. L. D. Harvey, then State Superintendent of Public Instruction. During his incumbency in the office of State Superintendent some of the most important school legislation that ever was placed on the statute books of any State was enacted. Special importance is to be attached to the provision requiring that every principal of a State graded school of the first class be the holder of some form of State certificate. The principal of a school of the second class must possess a State certificate or a first grade county certificate. The last form implies experience; the former extended training. Not more than one assistant may possess so low a grade of certificate as a third grade, and this only when accompanied by evidence of one year's experience. Only one may have a second grade certificate. All others must have a first grade county certificate or a State certificate. This plan reasonably assures at least a modicum of scholarship and professional training and absolutely obviates placing the schools in charge of beginners.

Wisconsin, under the leadership of Superintendent Harvey became a pioneer State in the encouragement of the introduction of manual training in the public schools. Superintendent Harvey believed that manual training should rank with any of the subjects taught in the secondary schools of the State, and in order to encourage its introduction secured the passage of a law appropriating the sum of \$250 yearly to each school maintaining a satisfactory manual training department during at least six months of the year. The law was made so comprehensive as to include domestic science as a regular part of the manual training work. Provision was made that all teachers of manual training and domestic science in the high schools should possess a special State certificate qualifying them for such work. The sum of \$2,500 was at first set apart. This was later made \$5,000 and the number of schools limited to twenty. Eight schools immediately took advantage of the aid, and during the year 1903-1904 fifteen schools took advantage of the opportunity.

Two other classes of schools which should be regarded as secondary schools, although not specifically given that title, are beneficiaries of special State appropriations for their maintenance. The first are county schools of agriculture and domestic economy, and the second are normal training schools for county teachers. Any county establishing a county school of agriculture and domestic economy according to the legal provisions, and receiving approval by the State Superintendent and the dean of the college of agriculture of the State University, may be placed upon an approved list. All approved schools after due inspection, receive a sum equal to two-thirds of the amount actually expended for maintaining such a school during the year. It is provided that the total amount so apportioned shall not exceed \$4,000 to any one school in any one year. The county is to provide the school and for one-third of its yearly expenses. Two counties may co-operate in providing such schools. At the present time two such schools are in operation, one at

Menomonie, Dunn county, and the other at Wausau, Marathon county. State Superintendent Cary writes in his report of 1904: "Provision was made by the last legislature for the establishment of another of these schools, and an effort was made by several counties to have the county boards pass favorable resolutions for the establishment of the school in accordance with these provisions, but the resolutions failed to carry by a small margin. Strong effort was especially made in Jefferson county under the leadership of ex-Governor W. D. Hoard. Without doubt more of these schools will be established in the near future." He further writes that "perhaps no school that has been established recently has a much brighter outlook than the county school of agriculture and domestic economy. * * * Both schools have had an excellent influence, especially upon the counties where they are established." Principal K. C. Davis of the Menomonie school, in his report writes very encouragingly concerning the work. He says: "Farmers' meetings have been held in all parts of the county during the year and through these meetings and the efforts of the directors farmers' clubs have been organized. We believe the school is making itself felt throughout the county and are in hearty sympathy with the work being done. Farmers now realize the benefit they can derive through the school, and as a result the members of the faculty are continually solicited for advice. In this way and through the influence of the students sent out from school the farmers and the school are becoming united."

The second class of schools, the county training school for teachers, was first established in 1899. Under the provisions of the law the county board of any county in which there is no normal school located is empowered to appropriate money for the organization, equipment and maintenance of a county training school for teachers of the common schools. The schools are to be under the general supervision of the State Superintendent and are to be free to the teachers of the county in which they are located; non-residents are required to pay a tuition. The schools must give instructions in the common branches and in the professional branches specially related to teaching. This plainly places them in the category of secondary schools. It will be remembered that all of the free high schools in Wisconsin give some instruction in the theory and art of teaching. All such schools approved by the State Superintendent are awarded a sum equal to one-half of the total cost of the maintenance of the school, such appropriation not being allowed to exceed \$2,500 in any one school year. Down to the present time seven such schools have been put into active operation. All of the schools thus far established have been organized in connection with the best high school in the county. They occupy a part of the same building, and the schools in the city are glad to have the joint organization. It brings to the school a desirable class of persons, and frequently they take other work in the high school. This plan also enables the county to organize a school without going to the expense of providing a building and separate organization. In nearly all cases the schools utilize the entire sum made possible. In some cases a little less has been necessary to maintain the school. State Superintendent Cary writes, among many other very interesting things concerning these schools,

that "the principals and assistants of these schools are men and women whose experience and training have been such as to fit them exactly for teaching students how to teach in rural schools. Some of the young people who attend the county training schools are graduates of the high schools, while others are graduates of country schools. A year of special training both in the academic and professional branches that they are to teach in the country does much in fitting them for their work. Several of the schools have been in operation long enough to settle beyond doubt the question of their value. In all cases they are receiving the hearty support of the communities in which they are established.

Minnesota has a splendid system of graded schools. The system has to a large extent been developed to its present enviable status through the generous special State aid extended to the schools for maintaining definite standards. For the purpose of apportioning the State aid their graded schools are divided into four classes, namely: State high schools, State graded schools, State semi-graded schools and State rural schools. Under this wise provision any public graded school in any city or incorporated village, or any township graded school complying with the legal provisions is entitled to become a State high school. In order to be eligible to receive State aid it shall have maintained school for nine months during the year preceding. It is also obliged to admit students of either sex from any part of the State without charge for tuition provided such non-residents pass a satisfactory examination in all the common school branches usually completed in the eighth grade. It must maintain a course of study embracing all branches prescribed by the State high school board for admission to the collegiate department of the University of Minnesota. All schools complying with the above regulations and found worthy upon inspection are entitled to receive \$1,500 from the State treasury. Any public school in any town or village or any township graded school in the State not entitled to aid as a State high school but having at least four departments in charge of a principal and teachers possessing qualifications as required by the State high school board, and complying with all other regulations with regard to buildings and courses of study may be known as a State graded school and is entitled to \$400 per year from the State fund. Any school having two teachers, one of whom shall possess a first grade certificate, a diploma from a normal school or from a university, or a State certificate, and complying with other regulations with reference to buildings and courses of study, may be designated as a semi-graded school and is thereby entitled to receive \$200 per year. All other teachers in the school must possess at least a second grade county certificate. Any rural school maintaining school for at least eight months during the preceding year and taught by a teacher holding a first grade certificate, or a higher grade certificate, is entitled to receive the sum of \$100 per year. Pursuant to the law of 1901 the State appropriated \$115,000 for the State high schools, \$52,000 for State graded schools, \$25,000 to semi-graded schools and \$60,000 for the aid of State rural schools. As a further stimulus in promoting a high grade of instruction the State of Minnesota in 1895 set apart \$10,000

nually for the purpose of giving encouragement in the special teaching of common branches to prospective teachers. The law provided that in any State high school having a four years' course and classes doing work in each of the four grades of the school and further offering special instruction to intending teachers in the common school branches, reading, writing, geography, arithmetic, English grammar, United States history, civil government, should receive annually, upon certification of the high school board, the sum of \$750 for the furtherance of this work.

California provides for State aid to the extent of \$15 per pupil in average daily attendance in all duly established high schools. Up to 1906 instead of the \$15 per pupil they levied a State tax of one and one-half cents per \$100 upon all taxable property of the State for the special support of high schools. In order to insure each school receiving a share of the amount it is provided that two-thirds of the apportionment shall be distributed equally among the high schools, irrespective of the number of pupils enrolled or in average attendance. The remaining one-third is distributed upon the basis of average daily attendance. State Superintendent Kirk writes in highly commendatory terms concerning the workings of the law. He says: "I think it is safe to say that no school law of recent years has been more highly appreciated than this.

It has helped struggling country schools where some of the very best secondary school work was being done. As in the case of certain elementary schools, some high schools have been given aid when they could have gotten along without it. * * * Rapid strides have been taken in the interest of secondary education within the past two years."

Connecticut provides that towns not maintaining a high school shall pay the tuition fee and the transportation fee, if necessary, of pupils who attend approved high schools in other places. The State reimburses each town to the extent of two-thirds of the tuition or transportation fee so paid. While not giving a definite bonus to districts maintaining high schools, they provide that the State shall pay \$10 to every school district and to every town maintaining a high school for the purpose of establishing a library, provided the districts will raise an equal amount. Five dollars per year are given thereafter to each library provided the district raises an equal amount. In schools exceeding one hundred pupils an additional initial ten dollars and five dollars annually are paid for each additional part of one hundred scholars in excess of the first one hundred. In 1902 over \$5,000 were thus expended for libraries. The State has also granted a large number of books.

Florida provides for definite State aid to three classes of graded schools. Any high school maintaining four years of high school work as prescribed by the State Board is entitled to \$600 per annum for three years. High schools maintaining only the first two years of a high school course receive \$360 per annum for three years. Rural graded schools not more than three miles distant from any town or city of more than five hundred inhabitants, providing instruction in the intermediate and grammar grades during eight months of the year and conducted by two or more qualified teachers in buildings with suitable equipment, shall receive \$200 per annum for four years. In all probability these amounts will be again appropriated provided the plan is successful.

Michigan does not provide State aid for high schools but does provide State aid for county normal schools, which, as I have maintained, are really secondary schools. The law of 1903 made it possible for any school district in Michigan to establish one county training class in each county, not more than ten in the whole State in one year, and provides that the sum of \$1,000 annually should be paid to such districts. The district is to provide buildings, a pedagogical library, apparatus and equipment, and must maintain classes at least thirty-two weeks each year.

As in Wisconsin, Maryland makes a special State appropriation for the encouragement of manual training. For every manual training school or manual training department established according to law and approved by the State department, the sum of \$1,500 is provided annually for its support. The intent of the law is to support by State aid only one such school in each county for whites and one for colored students. All schools seeking such aid must show a record of an average daily attendance of at least thirty pupils in order to receive the full amount. For each pupil in average daily attendance \$50 are appropriated in case there are fewer than thirty.

North Dakota has made provision for definite State aid by appropriating the sum of \$400 annually for each high school maintaining a four-year high school course and doing four years of high school work; \$300 to each school offering and maintaining three years of high school work; \$200 to each school with two years of high school work. It is provided that not more than \$10,000 annually may be spent for this purpose and as a consequence the full amount has so far not been awarded to each of the schools maintaining approved courses. During the year 1903 it was possible to give the three classes of schools \$350, \$270., \$180, respectively; and during 1904 they received \$325, \$250 and \$165 each. The State Superintendent in his biennial report makes the statement that "it is confidently expected that the coming Legislature will increase the amount to \$20,000 annually," and he makes this significant comment concerning the expenditure that "no money expended for educational purposes brings larger returns to the State than does that appropriated for high school aid. The aid of high schools completes the system of our schools from primary to university. * * * The department believes that the small appropriation designed to aid rural schools of high standard would accomplish astonishing results in our rural schools."

New Hampshire provides for the high school tuition of pupils residing in districts not maintaining a high school, and also provides a direct bonus for expert supervision of rural and village districts. Any town not maintaining a high school or academy is required to pay the tuition of all children attending any approved high school or academy. This tuition is to be based on the average cost per pupil in the academy or high school where he attends. No town shall pay more than \$40 per pupil. The State reimburses in part the districts which pay the tuition of pupils who attend such schools. Eight thousand dollars annually are appropriated from the State treasury for the payment of such tuitions. The rebates are estimated proportionately to the tax valuation in each district. If the tax rate is from \$16.50 to \$17.49, one-tenth of the tuition is paid; up to \$18.49, two-tenths; up to \$19.49, three-tenths; up to \$20.49, four-

tenths. If the tax rate is as high as \$24.50, nine-tenths are paid, and if there are over \$25.49, the whole of such tuition is rebated.

By "high school" or "academy" the law contemplates schools having courses of not less than four years, properly equipped, and giving instruction in such subjects as are required for admission to college, technical schools, normal schools; and including reasonable instruction in the Constitution of the United States and the Constitution of New Hampshire. Such schools must be approved by the State Superintendent.

Pennsylvania in 1895 provided for State aid to three classes of high schools. A high school maintaining four years of study beyond the common school is regarded as in the first class and receives annually \$800. One maintaining a course of three years is in the second class and receives annually \$600; and one maintaining a course of two years is known as a school of the third grade and receives annually \$400. If the total State appropriation is not sufficient to pay the entire sum to each school, it is distributed among them proportionately to the number of years of advanced study maintained in its courses of instruction. Each high school is required to employ at least one teacher legally certified to teach bookkeeping, civics, general history, algebra, geometry, trigonometry (including plane surveying), rhetoric, English literature, Latin (including Caesar, Virgil and Cicero), elementary physics, chemistry (including chemistry of the soils), botany, geology, zoology (including entomology). No teacher may be employed to teach any branch other than those enumerated in his or her certificate. The course of study must receive the approval of the State Superintendent.

Rhode Island arrives at similar results by a slightly different method. The law provides that approved schools may receive annually from the State \$20 for each pupil for the first twenty-five pupils; and \$10 for the second twenty-five pupils. Also that towns not maintaining high schools but making provision for the free attendance of its children in some high school or academy approved by the State Board, shall be entitled to receive aid upon the same basis. Superintendent Stockdale says of this: "No step taken on the part of the common schools during the past few years exceeds in consequence that by means of which those schools in our smaller towns away from high schools were brought into contact therewith through the aid granted by the State. Many a country boy and girl is today assisted to a higher education such as was not possible under the old regime." (Report 1904, page 82.) In Rhode Island there is also a provision for State aid in the purchase of apparatus and books of reference. Superintendent Stockdale believes that this is money well expended, "and a proof of the strong, fostering care which the State has ever manifested toward our schools." So far they have distributed atlases, charts for natural science, history, music, numbers, physiology, reading; encyclopedias, dictionaries, globes, maps, numeral frames, organs and drums, supplementary reading texts, texts of reference, pedagogical texts, song books, chemical apparatus; materials for cooking, drawing, the study of electricity, gymnastics, stereopticon slides, pencil sharpeners, pictures, typewriters, mimeographs, duplicators, science models, apparatus for primary work.

Vermont provides that every town shall establish and maintain a high school or provide higher instruction for its advanced pupils. Towns and cities of over twenty-five hundred inhabitants or towns having within their limits an academy, seminary or high school, are required to provide free high school instruction. Other towns must provide for the free high school instruction in other institutions. The tuitions paid for such instruction shall not exceed \$8 per term or \$24 per year for each pupil. Vermont has a statute providing that towns maintaining approved high schools or approved incorporated academies, having paid out forty per cent of its total taxes for school purposes, shall receive a sum equal to one-fourth of the sum expended for tuitions. Towns having raised fifty per cent for school purposes shall receive one-half the sum expended for tuitions; and towns having raised sixty per cent for school purposes shall receive a sum equal to three-fourths of the sum expended for tuitions; and towns having raised seventy per cent or more for school purposes shall receive an amount equal to the entire sum raised for tuitions.

The State of Washington provides for what are known as union schools; that is, schools formed by consolidation of two or more adjacent school districts which unite for the purpose of maintaining a higher grade of school. The sum of \$100 annually is appropriated for each grade above the grammar grade maintained in such schools. It is enacted that each grade receiving State bonus must have at least four pupils with an average attendance of at least three pupils for six months during the preceding school year. No pupils below the seventh grade may be admitted to any such union high school. Prior to the enactment of the regulation regarding the number constituting a grade, the State Superintendent remarks that frequently one pupil attending for a single day claimed eligibility to the \$100 bonus.

In many States there is evidently dissatisfaction with the usual mode of distributing public school funds according to the number of pupils of school age in the district. It is claimed by many writers and several State Superintendents that a more equitable basis for distribution of the State money would be that of actual school attendance.

Undoubtedly the distribution of funds upon the basis of attendance would open the eyes of many voters. They could not be content with receiving a smaller amount of the State money than that apportioned to other districts, and consequently would make efforts to secure a larger daily attendance and a longer school year.

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I have had abundant opportunity to study for many years the practical workings of the law in Wisconsin. So far as I have observed, this aid has not tended to cause the people to reduce taxes. They almost invariably add the \$500 provided by the State to the usual sum expended. After they have observed the workings of the school for a time under the more adequate support they usually voluntarily increase the taxation still further.

That the schools are popular with the people and desired by them is evidenced by their clamor for them when opportunity is provided. Superintendent Cary writes (Rep. 1904, p. 76): "The number of State graded schools has materially increased every year since the passage of

the law. In the year 1902-3 there were 131 schools of the first class and 194 of the second class. In the year 1903-4 there were 144 of the first class and 201 of the second class. Preliminary reports received at the office for the year 1904-5 show applications of 146 of the first class and 218 of the second class. Nine of the first class graded schools became high schools during the present year of 1904."

Former State Superintendent Lewis of Minnesota paid the following high tribute to the plan of giving special State aid to graded and high schools: "No finer scheme has ever been worked out by a Legislature for improving common schools than the Minnesota scheme, and the phenomenally and unprecedentedly rapid increase in the number of high and graded schools in this State and the number of pupils receiving instruction in these schools, as well as the improvement of the quality of the instruction imparted, is a splendid testimonial to the Minnesota legislation. In the rural and semi-graded schools progress and improvement in the conditions and environments are equally noticeable." (Rep. 1903, p. 28.)

The arguments in favor of special State aid to high schools seem numerous and convincing. It is to be hoped that ere long all the States of the Union will follow the example of the thirteen which have so unanimously declared for this form of support. To provide aid of this sort would contribute much to the development of perhaps the most important section of our school organization, that dealing with the adolescent mind. This is the period when the ideals for the whole life of the individual are crystallized. How important that they be the richest and noblest that may be provided by the State!

NOTE—The above is an abridgement of the exhaustive article on state aid to high schools contributed by Dr. Bolton to the Educational Review for February 1906.

CIRCULARS OF INFORMATION AND SUGGESTIONS TO
SCHOOL OFFICERS ISSUED SINCE DATE OF LAST
REPORT.

Patriotic Day in the Schools.

February 12th commemorates the birth of Abraham Lincoln and February 22d that of George Washington. On the last named date let every school in Iowa turn from its usual work and devote an hour to the contemplation of the words and deeds of these immortal characters. Let the flag be honored; let great deeds be extolled; let inspiring selections be recited; let all the children join their voices in patriotic song. Where at all practicable, have veterans of the Civil War present as honored guests.

It is my earnest hope that this day, dedicated to patriotic sentiment, may be appropriately observed in all Iowa schools.

JOHN F. RIGGS,
Superintendent of Public Instruction.

To the Secretary:

As the time for the annual meeting of the electors of the school corporation draws near, we wish to call your attention to the statutory provisions concerning this meeting and urge you to do all in your power to so notify the electors that all propositions which the board, or the electors by petition, desire presented, may legally come before the meeting.

JOHN F. RIGGS,
Superintendent of Public Instruction.

February 24, 1906.

Notice Mandatory. It is mandatory upon the secretary to post notices for this meeting in at least five public places at least ten days before the second Monday in March. Sections 2746 and 2763. For corporations of five thousand or more inhabitants a notice shall be posted in each precinct and published in a newspaper. Section 2755.

Date. The date of the meeting is the second Monday in March. NO OTHER DAY WILL DO. The meeting can not adjourn to another date. Section 2746 and note 1.

Hour of Beginning. In school corporations of five thousand or more inhabitants the polls shall open at 9:00 a. m. Section 2756. In all other corporations the polls shall open at 1:00 p. m. Section 2754.

Length of Meeting. In school corporations having five thousand or more inhabitants the polls shall remain open from 9:00 a. m. to 7:00 p. m. Section 2756. In independent city or town districts not included in above class they shall remain open at least five hours. Section 2754. In rural districts and school townships they shall remain open at least two hours. Section 2754.

Organization of Meeting. The president and secretary of the board, with one of the directors shall act as judges of election. In the absence of any of these officers, the electors present shall fill the vacancy from their number. Section 2746. For corporations of five thousand or more the board shall select one of its members and two voters of the precinct as judges of election. Section 2756.

Election of Director. All independent school corporations elect directors at this meeting. Section 2746. School townships containing an even number of sub-districts elect a director-at-large. Section 2752. The director-at-large shall be chosen by the electors at the annual meeting. (Ruling of Superintendent of Public Instruction.)

Certificates. The judges of election shall issue certificates of election to the directors chosen. Section 2746.

Tie Vote. A tie vote shall be publicly determined by lot, forthwith before adjournment, under the direction of the judges. Section 2754.

Who May Be Directors. A director may be of either sex, and must, at the time of election or appointment, be a citizen and a resident of the corporation and over twenty-one years old, and if a male, he must be a qualified voter of the corporation. Section 2748.

Who May Vote. To have the right to vote at the annual meeting, one must have the same qualifications as for voting at the general election and must be at the time a resident of the school corporation. Section 2747.

Qualification of Electors. To be entitled to the right of suffrage, a person must be (1) a male, (2) a citizen of the United States, (3) at least twenty-one years of age, (4) a resident of the State six months next preceding the election (5) of the county sixty days. (Constitution, article 2, section 1. 69 Iowa, 368, and 75 Iowa, 220. See note 1, section 2747, School Laws, 1902.) Persons of foreign birth must have completed naturalization to be eligible to vote.

Citizenship. All persons born or naturalized in the United States and subject to the jurisdiction thereof, are citizens of the United States, and of the State wherein they reside. (Constitution of the United States, Amendment XIV.)

Registration. Registration is necessary in corporations of five thousand or more inhabitants. Section 2755 and opinion of Attorney-General.

Women Voting. Women who otherwise have the qualifications of voters may vote on propositions for the issuing of bonds or for increasing the tax levy. Section 2747.

Powers of Electors at Annual Meeting.

1. To direct a change of text-books. Section 2749. But the board makes all adoptions of text-books. Sections 2824 and 2829.

2. To direct the sale or make other disposition of any schoolhouse or site belonging to the corporation, and the application to be made of the proceeds of such sale. Section 2749.

3. To add branches to the course of study. Section 2749. Such action is mandatory on the board. (44 Iowa, 564, note 8, section 2749.) But they may not otherwise change the course of study. Notes 9 and 10, section 2749. The board shall prescribe a course of study. Section 2772.

4. To instruct the board that school buildings may or may not be used for meetings of public interest. Section 2749. In the absence of instructions from the electors, the board shall determine, it being charged with the control and management of the property of the corporation. Sections 2745 and 2772.

5. To direct the transfer of any surplus in the schoolhouse fund to the teachers' or contingent fund. Section 2749. The transfer from one fund to another can be made only at the annual meeting; must be from the schoolhouse fund; and must be ordered by the electors.

6. To authorize the board to obtain at the expense of the corporation roads for proper access to its schoolhouses. Section 2749.

7. To vote a schoolhouse tax, not to exceed ten mills on the dollar. Section 2749.

8. To authorize the board to issue school building bonds. Section 2812.

Limit of Indebtedness. The school corporation may not become indebted to exceed one and one-fourth per cent of the actual value of the property in the corporation. Section 2, chapter 41, Acts of the Twenty-eighth General Assembly. Under certain conditions a district may become indebted for certain purposes not to exceed two and one-half per cent of the actual value of the taxable property. This can be done only at a special election called for that purpose. Section 1, chapter 114, Acts of the Thirtieth General Assembly. The constitutional limit is five per cent of the "value of the taxable property."

Tax Levy Not Indebtedness. The law does not consider taxes levied as outstanding indebtedness. Note 4, section 2812.

Notice Necessary. No proposition may be acted upon by the electors at the regular meeting on the second Monday in March or at a special meeting, except that it be advertised by notices as provided in Sections 2746 and 2755. (118 Iowa, 207.)

Board May Direct. The board may direct that certain propositions will come before the meeting. Section 2749.

Electors—Petition. When petitioned, it is mandatory upon the board to require notice given. Section 2749. When a petition has been properly filed, it is the duty of the secretary to give legal notice.

Poll Book. At the annual meeting the secretary shall record in a book provided for that purpose, the names of all persons voting thereat,

the number of votes cast for each candidate, and for and against each proposition submitted. Section 2761.

By Ballot. All propositions must be voted upon by ballot. Section 2749. Members of the board in all independent districts shall be chosen by ballot. Section 2754. A director-at-large for a school township shall be chosen by ballot. Sections 2851, 2752 and 2823. Constitution, Article 2, section 6.

Form of Propositions. All propositions shall be voted upon in substantially the following form: "Shall a change of text-books be directed?" (or other question as the case may be); and the voter shall designate his choice by writing the word "yes" or "no" in an appropriate place on the ballot. Section 2749.

March Meeting of School Board—References to the Law.

For the guidance of directors in the organization of the school board:

1. **Date.** The first annual meeting of the board of all school corporations shall be held on the third Monday in March (section 2757). It is mandatory that the board meet on this date.

2. **Organization.** The organization may be effected by electing a president. (Section 2757.)

3. **President a Member.** The President shall be a member of the board. (Section 2757.)

4. **President May Vote.** The president has the same right to vote that any member has. (Section 2757.)

5. **Directors Qualify.** Each person shall upon assuming his duties as director qualify as such. (Section 2758.) So also, the member chosen as president shall qualify as such. (Constitution, Article 11, section 5, sections 1180 and 2758.)

6. **Who May Administer.** A director may administer the oath to a director-elect and to the president. (Section 2758.) For other officers who may administer the oath, see section 393 of the Code.

7. **Secretary May Not Administer.** The Secretary is not authorized to administer the oath to a director-elect or to a president-elect. (101 Iowa, 382.)

8. **When May Directors Qualify.** A director-elect has until the close of the third Monday in March in which to qualify. (Section 2758.) One who holds over has ten days from the third Monday in March. (Code, section 1275.) One appointed to fill a vacancy on the board has ten days from the date of appointment in which to qualify. (Code, section 1275.)

9. **Hold Over.** If a director-elect fails to qualify by the close of the third Monday in March, if he is not his own successor, his predecessor may hold over by qualifying anew. (Code, section 1265.)

10. Vacancies—How Created. 1. By death. 2. By resignation. 3. By failure of director-elect, who was chosen to succeed himself, to qualify by the close of the third Monday in March. 4. By failure of one who might hold over to qualify within ten days from the third Monday in March. 5. By failure of one appointed to fill a vacancy to qualify within ten days from such appointment.

11. Vacancies—How Filled. Vacancies shall be filled by the board, until the next annual meeting of the electors. (Section 2758.)

12. Vacancies Not Anticipated. The board may not anticipate a vacancy. Appointments may not be made until the vacancy occurs. (Section 2758.)

13. By Ballot. All officers of the board and all persons appointed to fill vacancies shall be chosen by ballot. (Sections 2757 and 2771.)

14. Quorum. A majority of the board constitutes a quorum and may transact business. (Section 2771.) A minority may not transact business, but may arrange for an adjourned meeting of the board. (Section 2771.)

15. No Quorum at March Meeting. In case there is not a quorum at the regular March meeting, the minority present should effect a temporary organization by choosing a temporary president (section 2772) and should fix a date and place for an adjourned meeting, at which time a permanent organization may be effected. (Section 2771.)

16. School Taxes—By Whom Estimated. The board shall estimate the amounts needed for the teachers' fund and contingent fund. (Section 2806.) It may estimate not to exceed five mills on the dollar for the schoolhouse fund to pay on bonds and interest. (Section 2813.) The amount for schoolhouse fund is voted by the electors at the annual meeting (section (2749) or at a special meeting. (Section 2750.)

17. Limit of Taxation. For teachers' fund, fifteen dollars for each person of school age. (Section 2806.) For contingent fund, five dollars for each person of school age. (Section 2806.) However, each school corporation may estimate seventy-five dollars. (Section 2806.) Also, five dollars for each person of school age may be levied for transportation. (Section 2806.)

18. How Estimated. The amounts needed shall be estimated and certified, except in corporations containing territory in two or more counties, the estimate may be made in mills. (Section 2806.)

19. When Estimated. School taxes must be estimated at the regular March meeting or at a special meeting, called for that purpose not later than the third Monday in May. (Section 2806.)

20. Taxes Certified. All taxes voted by the electors or estimated by the board shall be certified to the board of supervisors by the secretary within five days from the date the board makes its estimate. (Section 2667.)

21. Election of Teachers. The board shall elect all teachers (section 2778.) But the board may authorize a director to select a teacher

for his sub-district (section 2778). This, however, is a temporary delegation of authority and may be exercised but once by the director.

22. School Year. "An examination of the statutes leads to the inevitable conclusion that the Legislature intended such (teachers') contracts to be limited in duration to the school year as determined by the board of directors." 107 Iowa, 29. This authorizes the board to make the school year begin with the fall term and to elect teachers for such a year.

23. Closing Small Schools. The board may determine the number of schools that shall be in session. (Section 2773.) They may determine the particular school each child shall attend. (Section 2773.) With consent of the county superintendent, small schools may be closed. (Section 2774.)

24. Transportation. The board may provide for transportation to a school in the same or another corporation. (Sections 2774 and 2806.)

25. Miscellaneous. The board may take any action authorized by law or clearly implied that will increase the efficiency of the schools.

JOHN F. RIGGS,

March 3, 1906.

Superintendent of Public Instruction.

Important—Notice of Change in Law.

To Boards of Directors and School Officers: You are hereby notified that Substitute for Senate File No. 27, having passed the General Assembly, and having been signed by the Governor, went into effect, by publication, Monday, March 12, 1906:

You will observe the following changes that have immediate effect upon school officers:

1. Concerning Rural School Corporations. The new boards of all rural corporations will organize on July 2d instead of the third Monday in March. The present boards will continue in office until July 2d.

2. Concerning City and Town Corporations. In city and town corporations the present treasurers will continue in office until July 2d, when their successors will assume the duties of the office. It will be necessary for treasurers whose terms have been extended to give bond to cover the extension.

3. The new law with directions to school officers will be issued prior to the annual meeting, July 2d.

JOHN F. RIGGS,

March 12, 1906.

Superintendent of Public Instruction.

March 13, 1906.

To the County Superintendent:

Substitute for Senate File No. 27 changes the time for the organizing of the new boards in all rural school corporations from the third Monday in March to the first of July, unless that date falls on Sunday, in which

case on the day following. The old boards will continue in office until July 2d, and the Attorney-General is of the opinion that it will be necessary for the directors and treasurers whose terms are extended to requalify, the extension being equivalent to "holding over." Newly elected directors have no authority to transact business for the corporation before the organization of the board July 2d.

Give this the widest possible publicity at once.

Yours truly,

JOHN F. RIGGS,

Superintendent of Public Instruction.

County Superintendents' Meetings.

To the County Superintendent:

In accordance with section 2622 of the Code, which provides that the Superintendent of Public Instruction may meet the county superintendents at such points in the State as may be most suitable, you are hereby called to meet in convention as follows:

Ottumwa, April 6th and 7th.

Sioux City, April 13th and 14th.

Charles City, April 19th and 20th.

Des Moines, April 24th and 25th.

The first session will, in each case, meet at two o'clock p. m.

Section 2742 guarantees to you the expenses incurred in attendance upon one of these meetings. It is expected that you will be present and take an active part, unless for some good reason you are prevented from attending.

JOHN F. RIGGS,

March 15, 1906.

Superintendent of Public Instruction.

Suggestive Subjects for Discussion.

1. Recent school legislation.
2. Office work of the county superintendent.
3. Field work of the county superintendent.
4. Boys' and girls' clubs and their relation to the regular school work.
5. The superintendent's part in bettering the physical conditions of school buildings and grounds.

March Meetings.

March 17, 1906.

To the County Superintendent:

Independent City, Town and Village Corporation. We inclose a copy of a circular that has been mailed to the secretary of every independent city, town and village school corporation named among the graded schools in the Educational Directory for 1905-1906. If you have any such corporations that are not listed, you should communicate to them the contents of this circular.

Rural Corporations. In all rural school corporations the present boards will continue to act until July 2d. Some doubt arose as to this end, to remove the doubt, the Legislature has passed an emergency act which covers the following points:

1. In all rural school corporations the term of office of directors whose terms expire on the third Monday in March, 1906, is hereby extended to the date for the organization of the new board.

2. Each director elected in March, 1906, or at any regular election hereafter, shall qualify on or before the date for the organization of the board of the corporation in which he was elected.

Taxes. Under the new law no estimate of taxes will be made until the July meeting of the board, and may not be made later than the third Monday in August. Should a board make the estimate at the present time it would have no effect. No particular harm would be done, but it would be necessary for the amounts to be re-estimated at the proper time.

Respectfully,

JOHN F. RIGGS,
Superintendent of Public Instruction.

Concerning Organization of Board.

To the Secretaries of Independent City, Town and Village School Corporations:

Definition. By independent city, town and village corporation we mean any independent school corporation containing or contained in a city, and incorporated town, or a village of over one hundred inhabitants and which has a board of directors consisting either of five or seven members.

Organization. The boards of such corporations will organize on the third Monday of March as usual.

Treasurer. In our "Notice of Change in Law" forwarded you by the county superintendent, we say: "In independent city and town corporations the present treasurers will continue in office until July 2d, when their successors will assume the duties of the office. It will be necessary for treasurers whose terms have been extended to re-qualify and give bond to cover the extension." The Attorney-General concurs with us in the above opinion. It will be noticed that this change does not affect independent village districts.

Taxes. The boards in all school corporations will estimate the amount necessary for teachers' and contingent funds at the regular meeting July 2d, or at a special meeting on or before the third Monday in August.

JOHN F. RIGGS,
Superintendent of Public Instruction.

March 17, 1906.

To County Superintendents:

Two correspondents ask the question given below. Believing it not improbable that the difficulty suggested by the question may occur in other counties, we are sending you the question and our answer.

Question. If the old board refuses to qualify what should be done?

Answer. 1. If possible prevail on a majority of the hold-over members to re-qualify. Such members may re-qualify any time within ten days after the third Monday in March. (See section 1275 of the Code.) At a called meeting of the board, the vacancies on the board can be filled by appointment. (See sections 2758 and 2771.) When the appointees have qualified and taken their places on the board, other of the old members who insist on resigning may have their resignations accepted and their places can be filled by appointment.

2. If a majority of the old members of the board refuse to serve either temporarily or until the July meeting, the secretary must call a special election by posting notices as required by section 2746, if in an independent district, or if in a school township by posting notices as required in section 2751 in each sub-district where there is no director. (See, also, section 2771.)

March 20, 1906. JOHN F. RIGGS,
Superintendent of Public Instruction.

The New Certificate Law.

The new law governing the examination and certification of teachers will be issued in pamphlet form in about six weeks.

For the present the following brief statement is made for the information of those interested:

1. The first examination under the new law will be held on the 24th, 25th and 26th days of October, 1906.

2. County superintendents will continue to issue certificates under the old law up to October 1, 1906, holding examinations as formerly on the last Friday and Saturday of each month.

3. All first grade or two-year certificates issued by county superintendents between this date and October 1st, will be valid for two years from date of issue, while second grade and third grade certificates for not more than one year from the date of issue. The new law will not terminate or limit the life of any certificate in force October 1, 1906.

4. Under this law the examinations will be held at the county seat of each county as at present.

5. Full information concerning

- (a) The renewal of high grade certificates.
- (b) The method of conducting examinations, and
- (c) The standards required for the different classes of certificates,

will be furnished county superintendents for distribution not later than September 1, 1906.

April 5, 1906. JOHN F. RIGGS,
Superintendent of Public Instruction.

Dear Sir.—We submit herewith a copy of an opinion of Attorney-General Charles W. Mullan concerning the terms of office of secretaries and treasurers chosen by school boards in September, 1905. This opinion has no reference to treasurers of independent city and town corporations, since in these corporations the treasurer is chosen by the voters in March.

JOHN F. RIGGS,
Superintendent of Public Instruction.

Term of Secretary.—Opinion of Attorney General.

State of Iowa, Office of Attorney-General.

Sir.—I am in receipt of your favor of the 10th instant, asking me for a construction of section 2757 of the Code and the Substitute for Senate File No. 27 of the Thirty-first General Assembly, so far as they relate to the tenure of office of secretaries and treasurers of school districts, and in compliance with the same I submit the following:

The act of the Thirty-first General Assembly abolishes the September meeting of the board of directors which was provided for by section 2757, and makes the school year end in July instead of September. It also provides for the election of the secretary and treasurer of the district at the July meeting. The effect of the abolishment of the annual meeting of the board in September and the fixing of such meeting in July, at which time the officers named must be elected, makes the terms of office of all secretaries and treasurers of school districts, who were elected in September, 1905, end at the July meeting of 1906. The secretaries and treasurers who are elected at the July meeting of the board in 1906 will enter upon the duties of their respective offices immediately after they are elected, and hold office until the next annual meeting of the board.

Respectfully submitted,

CHAS. W. MULLAN,
Attorney-General.

April 27, 1906.

Correcting Erroneous Report of Certificate Law.

May 8, 1906.

To the County Superintendent: :

A dispatch, purporting to come from Des Moines, is being given wide circulation by numerous local papers in various parts of the State. According to this dispatch, the new law for the certification of teachers, owing to an error in engrossing, makes the examination for second and third grade certificates the same as that for first grade.

The law clearly authorizes the issuing of first, second and third grade and special certificates, and in the case of a scarcity of teachers, of provisional certificates.

Section 4 specifies the subjects required for first grade certificates, but it is left to the Educational Board of Examiners to determine the subjects to be required for other grades of certificates. Candidates for second and third grade certificates will be examined in the same subjects as heretofore required for those certificates.

The requirements and full information concerning examinations under this law will be in the hands of the county superintendents after September 1st.

Very truly yours,

JOHN F. RIGGS,
Superintendent of Public Instruction.

Concerning Annual Reports.

To the Director of the Sub-district:

Your attention is called pointedly to the following provisions of law:

"Each director shall, between the first and fifteenth days of June in each year, prepare a list of the heads of families in his sub-district, the number and sex of all children of school age, and by the twentieth day of said month report this list to the secretary of the school township, who shall make full record thereof."

It is of great importance that the count be carefully made and that your report of the "number and sex of all children of school age" be absolutely correct. It is suggested that the rural telephone will often be of distinct aid in gathering this information.

In making the list of children of school age, you will include every person in the sub-district who, on the first day of June, 1906, has reached the fifth and not passed the twenty-first birthday. To be complete your list must include all persons of the stipulated ages, even if married or temporarily absent to attend school or engage in work. A child in one of the charitable or reformatory institutions must be enumerated in the district where his parents reside.

When your report is completed, it should be filed at once, with the secretary of the school township that he may have time in which to complete his report before the annual meeting of the board on the second day of July. The filing of this report with the secretary can not be delayed under the law beyond the twentieth day of June.

The theory of our Iowa statutes has been that the services rendered by school directors should be gratuitous, assuming, and correctly, that public-spirited citizens willing to serve the people in this responsible office would not be wanting in any school district.

I believe the services rendered by directors should be in large part gratuitous. Most of such services can be rendered at times chosen by the director and when his personal interests need not suffer; but it has long seemed to me that attendance upon the regular annual meeting, when business of unusual importance is transacted and the presence of every director is required, should carry with it adequate compensation which is now forbidden by the statutes.

It is my present purpose to recommend to the next General Assembly that section 2780 of the School Laws be so amended that directors in actual attendance upon the annual July meeting of the board shall receive a fixed amount for the one day's services. I shall not, however, make this recommendation, unless the general sentiment of the directors of the State is favorable.

That I may be instructed in this matter, I am asking the district secretaries to take a vote of the directors present at the board meetings July 2d.

Respectfully,

JOHN F. RIGGS,

May 15, 1906.

Superintendent of Public Instruction.

To the Treasurer:

To avoid delay and errors in the matter of making and filing your annual report, I wish to urge that you strictly observe the following:

1. It may be well for you to ask that a committee of the board be appointed to examine your books before the date of the annual meeting July 2d.

2. Whether such a committee examines your books or not, your financial report should be completed and copied in one of the blanks before the meeting of the board on the second day of July.

3. As soon as the board has settled with you, copy the report on the other blank, comparing carefully item by item, and forward at once to the county superintendent.

4. Overdrafts are not recognized or permitted by the law. (Section 2768.) If, however, you have permitted any fund to be overdrawn, you must report the amount of the overdraft under the head: "Received from Other Sources," or "Paid for Other Purposes," as the case may require. If the overdraft is of this year, it must be reported as "Received from Other Sources." If it is an overdraft carried over from last year, it must be reported as "Paid for Other Purposes."

5. Complete directions for preparing your report will be found on the blanks sent you. Your report will cover the period beginning with your last annual settlement in September, 1905, and ending with June 30, 1906.

6. (a) School treasurers elected in cities and towns on March 12, 1906, will begin their term of office on July 2, 1906. Treasurers so elected who have filled a vacancy from March 19, 1906, will be required to again give bonds before entering upon the two years term, beginning July 2d.

(b) Treasurers now in office in all independent village districts, school townships and rural independent districts will serve until July 2, 1906, when their terms of office will terminate. (Opinion of Attorney General.)

7. "The treasurer of each school township and each rural independent district in this State shall withhold annually from the money received from the apportionment for the several school districts not less than five nor more than fifteen cents, as may be ordered by the board, for each person of school age residing in each school corporation, as shown by the annual report of the secretary, for the purchase of books, as hereinafter provided."

Respectfully,

JOHN F. RIGGS,

May 15, 1906.

Superintendent of Public Instruction.

To the Secretary:

Your attention is called pointedly to the following:

"He (the secretary) shall, between the first day of June and the first day of July of each year enter in the book made for that purpose the name, sex and age of every person between five and twenty-one residing in the corporation, together with the name of the parent or guardian." Section 2764 as amended by Thirty-first General Assembly.

In making the list of persons between the ages of five and twenty-one you will include every person in the school corporation who on the first day of June, 1906, has reached the fifth and not passed the twenty-first birthday. To be complete, your list must include all persons of the stipulated ages, even if married or temporarily absent to attend school or engage in work. A child in one of the charitable or reformatory institutions must be enumerated in the district where his parents reside.

In school townships each director is required by law to report to you for his sub-district on or before the 20th day of June. (See section 2785 as amended by the Thirty-first General Assembly.) Call the attention of directors to this early, and urge accuracy and promptness in their reports. It is suggested that the rural telephone will often be a distinct aid in gathering data for this part of your report.

Your report covering the period from the date of your last annual report and up to and including June 30th should be completed and copied into the blanks before the board meets on the second day of July. As soon as the report is approved by the board compare the two copies and see that they agree, and send one copy at once to the county superintendent. You will find on the blanks full and complete directions for making your report.

The purchase of books for school libraries under Chapter 110 of the School Laws must be made "between the third Monday of September and the first day of December in each year." The provisions of this law are mandatory in school townships and rural independent districts. The purchase of books is to be made "by the president and secretary of the board, with the assistance of the county superintendent of schools."

You will find attached to one of your report blanks a form on which to record the verdict of your board members on the question of amending the school laws so that board members in actual attendance upon the annual July meeting may receive compensation for such services. Please record the names of all directors present and voting on this question, both the retiring members of the old board and the newly elected and hold over members.

Respectfully,

JOHN F. RIGGS,

May 15, 1906.

Superintendent of Public Instruction.

To the President:

The law requires every board of school directors to meet this year on Monday, July 2, to receive the reports of the secretary and treasurer and to settle with these officers. (Sec. 2757, as amended by the acts of the Thirty-first General Assembly.)

In all school corporations a secretary for the ensuing year must be chosen at this meeting. And in all school corporations, excepting in independent city or town districts, a treasurer for the ensuing year must be chosen at this meeting. The law changing the annual meeting of school boards from September to July terminates the term of all secretaries now in office and of all treasurers now in office in independent village districts, school townships and rural independent districts with the July meeting, and makes it necessary for the board to elect their successors at that time. (Opinion of Attorney-General.)

THE SECRETARY AND TREASURER SHOULD HAVE THEIR REPORTS READY FOR THE APPROVAL OF THE BOARD AT THE TIME OF THE MEETING.

To facilitate the settlement with the treasurer it is suggested that where practicable, a committee of the board be appointed to examine the books of this officer **BEFORE THE DATE FOR THE ANNUAL MEETING** and be ready to report to the board July 2d.

Your attention is called to the mandatory provisions of Chapter 110 of the School Laws, which require the treasurer of each school township and rural independent district to withhold five cents for each person of school age in the school corporation, the same to be used between the third Monday of September and the first day of December for the purchase of library books. The board may, at its option, increase this amount not to exceed fifteen cents for each person of school age. The books must be purchased by the secretary and president of the board, with the assistance of county superintendent of schools.

The theory of our Iowa statutes has been that the services rendered by school directors should be gratuitous, assuming, and correctly, that public-spirited citizens willing to serve the people in this responsible office would not be wanting in any school district.

I believe the services rendered by directors should be in large part gratuitous. Most of such services can be rendered at times chosen by the director and when his personal interests need not suffer; but it has long seemed to me that attendance upon the regular annual meeting, when business of unusual importance is transacted and the presence of every director is required, should carry with it adequate compensation which is now forbidden by the statutes.

It is my present purpose to recommend to the next General Assembly that section 2780 of the School Laws be so amended that directors in actual attendance upon the annual July meeting of the board shall receive a fixed amount for the one day's services. I shall not, however, make this recommendation, unless the general sentiment of the directors of the State is favorable.

That I may be instructed in this matter, I am asking the district secretaries to take a vote of the directors present at the board meeting July 2d.

Respectfully,

JOHN F. RIGGS,

May 15, 1906.

Superintendent of Public Instruction.

Concerning Pamphlet on Tuberculosis.**To the County Superintendent:**

A circular on the cause and treatment of tuberculosis has been issued by the Board of Control of the Iowa State Institutions, and through the co-operation of this Board we are enabled to send you by prepaid express sufficient copies to reach every home in your county.

It is our wish that these circulars be distributed to the school children by their teachers, and by the children carried into the homes. Since it is not probable that you can conveniently place the circulars in the hands of all the teachers of your county this spring, it is suggested that you keep a record of the districts reached this spring, then when the schools open in the fall and you make your round of visits that you complete the distribution.

We are sure you will be more than glad to aid in the distribution of the circulars, since by so doing you will render a valuable service to society.

JOHN F. RIGGS,

May 21, 1906.

Superintendent of Public Instruction.

Qualifications of County Superintendents.

June 13, 1906.

To the County Auditor:

Just as soon as it is possible for you to do so I should like you to mail a copy of this circular to each person in your county who is to stand as a candidate for the office of county superintendent at the general election in November, 1906.

Please notify me if additional copies of the circular are needed.

The new certificate law, which repeals sections 2734 to 2737, inclusive (as found in the School Laws, Edition of 1902), will go into effect October 1, 1906.

The new law in defining the qualifications of the county superintendent says:

"The county superintendent, who may be of either sex, shall be the holder of a first grade certificate as provided for in this Act, or a State certificate or a life diploma."

It is very clear from this language that no one can qualify as a county superintendent in January, 1907, who has no other certificate than one issued by a county superintendent; that is, a person to be eligible to the office of county superintendent must have a regular five-year certificate or a life diploma, or a uniform county certificate of the first grade, issued by the State Board of Educational Examiners.

Every candidate will probably fall in one of four classes:

1. Those holding regular five-year State certificates or life diplomas. Such persons are, of course, eligible without any further credential.

2. Those holding first grade or two-year county certificates issued not later than October 1, 1905, and who have been actively engaged in some form of school work since that date. Such persons, by meeting certain conditions as to recommendations, etc., will receive the new uniform county certificate without examination.

3. Those holding the second grade county certificate issued not later than October 1, 1905, and who have been actively engaged in some form of school work since that date. Such persons will be required to pass examination in all subjects for a first grade certificate, excepting those in which the grade on the certificate issued not later than October 1, 1905, is 90 per cent or above.

A careful reading of section 11 of the new law makes clear that the State Board can give no credit for grades earned in a recent county examination.

4. Those holding no certificate or a county certificate issued since October 1, 1905. It will be required that such persons pass the full examination in all the subjects for a first grade certificate, the law giving no other alternative.

You will please take note that the foregoing is of interest and applies at this time to candidates for county superintendent only.

JOHN F. RIGGS,
Superintendent of Public Instruction.

REPORT OF THE STATE EDUCATIONAL BOARD OF EXAMINERS FOR THE PERIOD BEGINNING SEP- TEMBER 30, 1905, AND ENDING JUNE 30, 1906.

DATES OF EXAMINATION FOR STATE DIPLOMA

1905.

Des Moines.....December 1-2

DATES OF EXAMINATIONS FOR STATE CERTIFICATE

1905.

Cedar Falls.....November 27-29

Council Bluffs.....November 27-29

Des Moines.....December 26-28

1906.

Cedar Falls.....March 12-14

Cedar Falls.....June 6-8

Council Bluffs.....June 18-20

Des Moines.....June 18-20

STATEMENT.

Showing certificates issued by the State Educational Board of Examiners.
STATE DIPLOMAS.

Date	Diplomas and Certificates	Number of Applicants		Diplomas and Certificates Issued		Failures	Fees
		Males	Females	Males	Females		
January 2, 1906	3	.....	3	.....	.....	\$ 15.00
March 1, 1906	1	.....	1	.....	5.00
June 1, 1906	1	.....	1	.....	.....	5.00
Totals.....	4	1	4	1	.....	\$ 25.00

STATE CERTIFICATES.

October 2, 1905	Renewals.....	.....	3	.....	3	.....	\$ 9.00
November 1, 1905	Renewals.....	3	1	3	1	.....	12.00
December 1, 1906	.....	4	7	3	7	1	31.50
December 1, 1906	Renewals.....	4	8	4	8	.....	36.00
January 2, 1907	.....	2	.....	1	.....	1	4.50
January 2, 1907	Renewals.....	14	9	14	9	.....	69.00
February 1, 1907	.....	8	4	7	2	3	31.50
February 1, 1907	Renewals.....	1	1	.....	.....	.....	3.00
May 1, 1907	.....	7	6	5	6	2	36.00
May 1, 1907	Renewals.....	2	1	2	1	.....	9.00
Totals.....	.....	45	39	40	37	7	\$ 241.50

PRIMARY STATE CERTIFICATES.

October 1, 1905	Renewals.....	.....	2	.....	2	.....	\$ 6.00
November 1, 1905	Renewals.....	.....	2	.....	2	.....	6.00
December 1, 1905	.....	.....	3	.....	3	.....	9.00
December 1, 1905	Renewals.....	.....	4	.....	4	.....	12.00
January 2, 1906	.....	.....	2	.....	2	.....	6.00
January 2, 1906	Renewals.....	.....	9	.....	9	.....	27.00
February 1, 1905	.....	.....	5	.....	3	2	12.00
May 1, 1905	.....	.....	6	.....	6	.....	18.00
Totals.....	.....	.....	33	.....	31	2	\$ 96.00

TWO-YEAR STATE CERTIFICATES.

February 1, 1906	.....	.....	2	.....	1	1	\$ 3.00
March 15, 1906	.....	1	2	1	2	.....	6.00
Totals.....	.....	1	4	1	3	1	\$ 9.00

SUMMARY.

	Number of Applicants			Diplomas and Certificates granted			No. of failures	Fees received and deposited
	Males	Females	Total	Males	Females	Total		
te diplomas.....	4	1	5	4	1	5	.....	\$ 15.00
te certificates.....	45	39	84	40	37	77	7	241.50
mary state certificates.....	.....	33	33	.....	31	31	2	95.00
o-year state certificates.....	1	4	5	1	3	4	1	9.00
Totals.....	50	77	127	45	72	117	10	\$361.50

DIPLOMAS AND CERTIFICATES ISSUED TO JUNE 30, 1906.

	1892-1893	1894-1895	1896-1897	1898-1899	1900-1901	1902-1903	1904-1905	1906	Total					
te diplomas			38	44	52	38	54	41	42	39	8	2	5	363
te certificates	7	9	53	141	239	252	440	509	590	774	652	820	77	4,652
mary state certificate									114	173	186	330	31	828
cial state certificate										8	5	2		10
o-year state certificate											5	33	4	42
Totals	7	9	91	185	290	290	494	550	636	969	856	1,181	117	5,895

EXAMINATION FEES

received and deposited with the State Treasurer during biennial periods ending June 30.

1894-95 .. .	\$ 42.00
1896-97.....	33.00
1898-99 .. .	708.00
1899-01 .. .	856.50
1902-03 .. .	1,140.00
1904-05 .. .	1,282.00
1906-97 .. .	1,800.50
1908-99 .. .	2,458.50
1900-01 .. .	3,269.00
1902-03 .. .	2,508.00
1904-05 .. .	3,161.00
1906 .. .	2,063.00
Total.....	\$19,466.50

REPORT OF THE
PAID FOR EXPENSES.

During biennial periods ending June 30.

1882-83.....	\$ 237.05	
1884-85.....	72.55	
1886-87.....	318.12	
1888-89.....	539.50	
1890-91.....	788.92	
1892-93.....	549.81	
1894-95.....	964.95	
1896-97.....	1,052.28	
1898-99.....	1,660.57	
1900-01.....	2,377.60	
1902-03.....	2,193.88	
1904-05.....	2,621.61	
1906.....	1,499.98	
Total.....		\$ 14,874.92

SUMMARY.

Number of diplomas issued to September 30, 1905.....	358	
Number of diplomas issued from September 30, 1905, to June 30, 1906.....	5	
Total number issued and in force June 30, 1906.....		363
Number of state certificates issued prior to September 30, 1905.....	4,575	
Number of state certificates issued from September 30, 1905, to June 30, 1906.....	77	
Total number issued to June 30, 1906.....		4,652
Expired by limitation to September 30, 1905.....	2,739	
Expired by limitation from September 30, 1905, to June 30, 1906.....	75	
Total number expired to June 30, 1906.....		2,814
Number state certificates in force June 30, 1906.....		1,838
Number of primary state certificates issued to September 30, 1905.....	797	
Number of primary state certificates issued from September 30, 1905, to June 30, 1906.....	31	
Total number of primary state certificates issued to June 30, 1906.....		828
Expired by limitation to September 30, 1905.....	216	
Expired by limitation from September 30, 1905, to June 30, 1906.....	14	
Total number expired to September 30, 1905.....		230
Number primary state certificates in force June 30, 1906.....		598
Number special state certificates issued to September 30, 1905.....	10	
Number special state certificates issued from September 30, 1905, to June 30, 1906.....		
Total number issued and in force June 30, 1906.....		10
Number two-year state certificates issued to September 30, 1905.....	38	
Number two-year state certificates issued from September 30, 1905, to June 30, 1906.....	4	
Total number issued to June 30, 1906.....		42
Expired by limitation to September 30, 1905.....		
Total number in force June 30, 1906.....		42
Total number state diplomas and state certificates in force June 30, 1906.....		2,651

DIPLOMAS AND CERTIFICATES.

DIPLOMAS.

Date	To Whom Issued	Date	To Whom Issued
1906 Jan. 2	R. A. Griffin John M. Stoke Frederick A. Welch	Mar. 1 June 1	Anna Ziek George B. Rigg

STATE CERTIFICATES.

1905 Oct. 2	Ethel F. Carpenter Fannie R. Wilson Mary F. Lizer		Curtis P. Beale Anna Chamberlain Hattie M. Clearman Rose A. Crow Charles V. Findlay Mary Agnes Girton Renwick J. Hartung John Hayes Clara B. Janss William J. Jerome W. Jordan Lee Clarence Messer James E. Moore Aaron Palmer Mary L. Phelps Clara Pugh Edward A. Woodrow Emma Bradley Charles F. Schell
Nov. 1	Jane M. Pierce Paul F. Voelker William M. Moore Florence E. Miller		Frank H. Clark E. Pearl Fancolly H. F. Freeman Eli Hutchinson John A. Larsen Alice Proctor Will E. Reid R. R. Richmond Robert L. Smith Edward P. Fogg
Dec. 1	Helen N. Campbell Stella S. Cornell Jessie M. Clark James Ehret E. G. Lockhart Stella I. Werner Ariel Parish Carrie M. Peters Clara Svendsen Caroline Van Buskirk Edwin Dukes Guy H. Scoby Kucinda Minnick John W. Atchley E. E. Franklin Edna Gamble Ella Lund Emma S. Mantz Ellen Josephine Miller Sarah A, MacDonald Ida Grace Peterson Sarah P. Sherman	Feb. 1	Effie Nelson Grace H. Aitchison Mary A. Caughlin Florence Cowie Charlotte G. Diehl Oscar A. Dosh
1906 Jan. 2	C. B. Woodrum Charles E. Arnold Oscar W. Maxwell Peter C. Arildson Anna C. Batman	May 1	

STATE CERTIFICATES—CONTINUED.

Date	To Whom Issued	Date	To Whom Issued
	Carrie A. Grashow Dallas D. Johnson Charles L. Simmers Homer W. Sutter		Harry E. Weech Grace M. Sullivan Kelsey G. Lancelot Marshall E. Lumbar

PRIMARY STATE CERTIFICATES.

1905			
Oct. 1	Minnie M. Myers Martha E. Herrick		Ella Zuver Foster Jessie Frazier
Nov. 1	Mary J. Hart Frances A. Palmer		Ella Hart Eva M. Whitney
Dec. 1	Bessie C. Ahearn Clara O. Henderson Lois G. Kiefer Katharine G. Coughtry Mary H. Coughtry Zaidee L. King Gertrude E. Marshall	Feb. 1	Helen Edith Fenner Mary Bridger Nelon Leila Loudon Beebe Edna Kreis Anna Snoke Julia B. Uchityl Lela I. Agnew Mamie V. Buck Annie Johnston Lucy Mack Sara Schellenger Gertrude Smith
1906			
Jan. 2	Alice C. Brandriff Ethelyn Evans Harriet E. Brand Laura E. Colburn		

TWO-YEAR STATE CERTIFICATES.

1906			
Feb. 1	Nell Dally		Pearl Jack
Mar. 15	Hugo Carl Moeller		Ida Josvanger

STATE TEACHERS' READING CIRCLE.

OFFICERS.

HON. JOHN F. RIGGS, *President, ex officio, Des Moines.*

ELLIS J. HOOK, *Secretary, Decorah.*

JOHN P. MCKINLEY, *Treasurer, Sibley.*

MEMBERS OF BOARD.

MRS. LORA L. RICHARDSON, *Mount Ayr.*

A. M. DEYOE, *Garner.*

JOS. E. VANCE, *Vinton.*

JOHN P. MCKINLEY, *Sibley.*

Z. C. THORNBURG, *Des Moines.*

ELLIS J. HOOK, *Decorah.*

J. F. RIGGS, *ex officio, Des Moines.*

BOOKS ADOPTED FOR 1906-1907.

McMurry's Elements of General Method—*McMillan Company, Chicago, \$1.90.*

Sparks' Expansion of the American Peoples—*Scott, Foresman & Co., Chicago, \$1.00.*

Smith's Systematic Methodology—*Silver, Burdette & Co., Chicago \$1.00.*

Under the constitution of this organization, each county superintendent is made the manager of his county, thus the county superintendent becomes a supervisor of a course of reading for the teachers of his own county. The books are selected by a board of directors chosen from among the county superintendents of the State, acting in conjunction with the superintendent of public instruction, who is chairman *ex officio* of this board. The plan has met with success in all the states where it has been tried.

The secretary will be glad to receive any suggestions and to render any assistance in promoting the efficiency of the work. For further information concerning the reading circle work, and for supplies of the official circular, address the secretary.

E. J. HOOK, *Secretary,*
Decorah, Iowa.

NOTE—The country superintendents report 2,908 teachers as enrolled in the reading circle last year.

COUNTY SUPERINTENDENTS—TERM, 1904—1907 †

County.	Superintendent.	Terms Served.	Postoffice.
Adair.....	Mrs. Ella C. Chantry	1½	Greenfield
Adams.....	A. B. Lewis.....	1	Corning
Allamakee.....	John E. Mills.....	1	Waukon
Appannose	W. M. Speers.....	.....	Centerville
Audubon.....	Arthur Farquhar	2	Audubon
Benton.....	¹ C. R. Lowe.....	1	Vinton
Black Hawk	Chas. Elliott.....	.....	Waterloo
Boone	Ralph R. Cobb.....	.....	Boone
Bremer.....	John T. Remick.....	.....	Waverly
Buchanan.....	M. J. Goodrich.....	1	Independence
Buena Vista.....	J. E. Durkee.....	4	Sioux Rapids
Butler	Ida F. Leydig.....	1	Allison
Calhoun.....	W. R. Sandy	2	Rockwell City
Carroll.....	W. J. Barloon .....	.....	Carroll
Cass.....	Mrs. Bertha A. Johnson.....	½	Atlantic
Cedar	George H. Kellogg.....	.....	Tipton
Cerro Gordo	² P. O. Cole.....	2	Mason City
Cherokee.....	Agnes J. Robertson.....	4	Cherokee
Chickasaw	F. J. Conley.....	.....	New Hampton
Clarke	W. C. Davis.....	1	Osceola
Clay	*H. F. Fillmore.....	3	Spencer
Clayton.....	C. J. Adam.....	2	Elkader
Clinton.....	Geo. E. Farrell.....	1	Clinton
Crawford.....	F. L. Hoffman.....	.....	Denison
Dallas.....	R. F. Wood.....	1	Adel
Davis.....	Harvey O. Roland.....	.....	Bloomfield
Decatur.....	Eli Hutchison.....	.....	Leon
Delaware.....	Frank D. Joseph.....	.....	Manchester
Des Moines	Howard A. Mathews.....	2	Burlington
Dickinson.....	W. T. Davidson	1	Spirit Lake
Dubuque.....	P. J. Schroeder.....	1	Dubuque
Emmet	Maria Z. Pingrey.....	1	Estherville
Fayette.....	³ H. L. Adams.....	2	West Union
Floyd.....	Frederick Schaub.....	1	Charles City
Franklin	Samuel E. Campbell.....	.....	Hampton
Fremont.....	Mattie Lee A. Lair.....	1	Sidney
Greene.....	A. J. Oblinger.....	.....	Jefferson
Grundy.....	J. D. Adams.....	.....	Grundy Center
Guthrie.....	M. P. Kenworthy.....	.....	Guthrie Center
Hamilton.....	L. N. Gerber.....	2	Webster City
Hancock.....	A. M. Deyoe.....	1	Garner
Hardin.....	Mrs. Ella B. Chassell.....	1	Eldora
Harrison.....	D. E. Brainard.....	1	Logan
Henry.....	*Annie E. Packer.....	3	Mt. Pleasant
Howard.....	Helen L. Chapin .....	.....	Cresco
Humboldt.....	*Clarence Messer.....	4	Humboldt
Ida.....	J. C. Hagler.....	5	Ida Grove
Iowa.....	Howard T. Ports.....	1	Marengo
Jackson.....	⁴ C. C. Dudley.....	2	Maquoketa
Jasper	John E. Roberts .....	.....	Newton

* Was superintendent at former time.

† Term extended to January 1907, by the biennial amendment.

1. Resigned. J. W. Jones, appointed to fill vacancy.

2. Resigned. Fred Mahannah, appointed to fill vacancy.

3. Resigned. R. H. Belknap appointed to fill vacancy.

4. Deceased. Mrs. C. C. Dudley appointed to fill vacancy.

COUNTY SUPERINTENDENTS—TERM, 1904—1907 †—Concluded

County.	Superintendent.	Terms Served	Postoffice.
Jefferson.....	Anna White.....	2	Fairfield
Johnson.....	L. H. Langenberg.....	1	Iowa City
Jones.....	Clifford B. Paul.....	2	Anamosa
Keokuk.....	C. E. Miller.....	1	Sigourney
Kossuth.....	C. H. Belknapp.....	.....	Algona
Lee.....	E. C. Lynn.....	.....	Donnellson
Linn.....	¹ J. E. Vance.....	1	Marion
Louisa.....	² C. R. Wallace.....	1	Wapello
Lucas.....	Laura Fitch.....	1	Chariton
Lyon.....	³ * A. W. Grisell.....	4	Rock Rapids
Madison.....	*T. H. Stone.....	2	Winterset
Mahaska.....	Jas. P. Dodds.....	2	Oskaloosa
Marion.....	W. H. Lucas.....	1	Knoxville
Marshall.....	Mary E. Hostetler.....	1	Marshalltown
Mills.....	*W. M. Moore.....	3	Glenwood
Mitchell.....	*Jay A. Lapham.....	3½	Osage
Monona.....	F. E. Lark.....	4	Onawa
Monroe.....	R. B. Spencer.....	1	Albia
Montgomery.....	Mabel G. Hanna.....	1	Red Oak
Muscatine.....	F. M. Witter.....	1	Muscatine
O'Brien.....	Nellie Jones.....	1	Primghar
Osceola.....	J. P. McKinley.....	1	Sibley
Page.....	⁴ Geo. H. Colbert.....	1	Clarinda
Palo Alto.....	Anna E. Odland.....	.....	Emmetsburg
Plymouth.....	I. C. Hise.....	3	Le Mars
Pocahontas.....	⁵ U. S. Vance.....	5	Laurens
Polk.....	Z. C. Thornburg.....	1	Des Moines
Pottawattamie.....	O. J. McManus.....	2	Council Bluffs
Poweshiek.....	P. A. McMillen.....	.....	Grinnell
Ringgold.....	Mrs. L. L. Richardson.....	.....	Mount Ayr
Sac.....	H. C. Coe.....	.....	Sac City
Scott.....	J. H. Jacobs.....	.....	Davenport
Shelby.....	Geo A. Luxford.....	1	Harlan
Sioux.....	W. E. Chase.....	1	Orange City
Story.....	Ira C. Welty.....	.....	Nevada
Tama.....	D. E. Brown.....	1	Toledo
Taylor.....	H. S. Ash.....	1	Bedford
Union.....	Frank M. Abbott.....	1	Creston
Van Buren.....	A. L. Heminger.....	.....	Keosauqua
Wapello.....	Emma Nye.....	.....	Ottumwa
Warren.....	J. W. Radebaugh.....	.....	Indianola
Washington.....	Cora E. Porter.....	.....	Washington
Wayne.....	Maud Elmore.....	1	Corydon
Webster.....	⁶ Alfred L. Brown.....	2	Fort Dodge
Winnebago.....	*L. C. Brown.....	3	Forest City
Winneshiek.....	Ellis J. Hook.....	2	Decorah
Woodbury.....	*E. A. Brown.....	4	Sioux City
Worth.....	O. E. Gunderson.....	.....	Northwood
Wright.....	Angus McDonald.....	2	Clarion

* Was superintendent at a former time.

† Term extended to January 1907 by the biennial amendment.

1. Resigned. A. B. Alderman appointed to fill vacancy.

2. Resigned. Ralph R. Hunt appointed to fill vacancy.

3. Deceased. Charlotte M. Grisell appointed to fill vacancy.

4. Resigned. Jessie Field appointed to fill vacancy.

5. Resigned. Walter P. Jensen appointed to fill vacancy.

6. Resigned. M. P. Somes appointed to fill vacancy.

ABSTRACT [A] REPORTS OF COUNTY SUPERINTENDENTS.

SCHOOL STATISTICS, 1906.

REPORT OF THE

Counties	Schools			Teachers			Pupils—Enumeration					
	Number of subdistricts	Rooms in rural schools	Number rooms in graded schools	Average number months taught	Number employed		Av. No. months employed	Between ages of 5 and 21 years inclusive		Persons 7 to 14 years not attending school		
					Males	Females		Males	Females	Males	Females	
Adair	120	139	30	8.2	35	238	4.6	4.0	2,550	2,300	1,201	1,201
Adams	77	105	33	8.2	46	195	3.8	5.0	1,922	1,858	1,022	1,022
Allamakee	59	127	29	8.1	19	231	5.2	5.1	2,099	2,925	1,029	1,029
Appanoose	95	129	91	7.8	48	238	5.5	5.5	4,450	4,475	2,506	2,413
Audubon	106	109	19	8.2	37	209	4.1	4.6	2,908	2,813	1,353	1,376
Benton	82	106	64	8.5	43	227	6.9	5.2	3,783	2,809	2,045	2,047
Black Hawk	77	134	129	8.7	25	267	6.7	6.2	5,595	5,638	2,743	2,743
Boone	92	144	79	8.3	54	280	4.7	5.0	4,900	4,163	2,294	2,294
Bremer	43	100	43	8.3	22	180	5.3	5.6	2,601	2,476	1,385	1,385
Buchanan	77	134	61	8.6	21	291	5.1	5.4	3,040	2,868	1,525	1,525
Buena Vista	119	130	47	8.5	26	263	5.5	5.3	2,728	2,472	1,494	1,400
Butler	96	39	47	8.5	40	258	6.7	5.3	2,891	2,771	1,531	1,531
Calhoun	123	128	63	8.4	37	294	5.0	5.1	2,875	2,728	1,602	1,602
Carroll	107	120	63	8.6	42	237	5.8	6.0	2,561	2,479	1,814	1,822
Cass	139	140	59	8.5	29	292	5.0	5.3	3,130	3,085	1,641	1,616
Cedar	99	131	51	8.3	26	249	5.7	5.5	2,873	2,818	1,620	1,596
Cerro Gordo	103	131	76	8.5	29	294	5.3	5.7	3,210	3,061	1,716	1,689
Cherokee	128	131	43	8.5	36	267	5.3	5.1	2,504	2,485	1,406	1,410
Chickasaw	53	106	34	8.4	11	183	6.0	5.5	2,664	2,743	1,510	1,562
Clarke	78	102	27	8.1	44	186	4.8	4.6	1,870	1,731	909	959
Clay	125	124	26	8.5	28	236	6.1	6.0	2,078	2,023	1,125	1,125
Clayton	142	167	64	8.6	50	298	5.7	6.4	4,245	4,369	2,343	2,390
Clinton	132	168	138	9.1	30	292	7.6	7.4	7,180	7,425	2,667	2,722
Crawford	105	179	68	8.6	29	251	6.0	6.6	3,009	2,607	2,137	2,194

Dallas	113	137	36	8.6	36	35	5.7	61.41	36.76	3,623	3,073	1,970	1,368	15	5
David	35	60	26	8.9	26	48	5.1	30.34	32.49	2,305	2,244	1,176	1,166	24	24
Decatur	66	44	60	7.8	60	42	5.4	39.06	32.94	2,768	2,652	1,469	1,431	19	19
Delaware	114	151	43	8.5	43	14	7.0	49.97	33.61	3,115	2,810	1,632	1,518	55	55
Des Moines	24	82	135	8.6	135	30	7.2	91.78	48.18	5,490	5,561	2,654	2,780	8	8
Dickinson	62	72	30	8.4	30	12	6.2	57.69	35.66	1,462	1,343	767	772	30	30
Dubuque	60	129	139	9.6	139	29	9.0	56.37	39.72	10,062	10,481	4,644	4,483	35	35
Emmet	68	74	35	8.3	35	9	7.3	62.48	39.12	1,645	1,568	1,068	1,071	15	15
Fayette	103	73	66	8.6	66	32	5.2	49.18	32.24	4,716	4,617	2,360	2,368	69	69
Floyd	103	113	69	8.6	69	32	7.7	63.67	34.43	2,401	2,458	1,244	1,251	7	7
Franklin	101	139	59	8.2	59	50	4.6	46.09	34.96	2,482	2,271	1,300	1,235	24	24
Fremont	104	118	52	9.1	52	30	5.7	57.80	38.11	2,689	2,634	1,463	1,528	10	10
Greene	129	140	42	8.4	42	43	4.4	56.30	37.56	2,599	2,607	1,241	1,413	16	16
Grundy	75	120	31	8.4	31	34	5.4	46.91	35.63	2,872	2,824	1,360	1,365	40	40
Guthrie	134	140	54	8.6	54	53	4.9	55.72	34.61	2,962	2,846	1,525	1,536	6	6
Hamilton	107	134	48	8.6	48	44	4.7	52.75	39.62	3,115	3,169	1,691	1,722	11	11
Hancock	114	126	40	8.2	40	45	6.0	49.08	37.50	2,411	2,374	1,251	1,272	4	4
Hardin	76	123	81	8.4	81	45	5.2	60.64	40.46	3,748	3,545	2,056	2,079	19	19
Harrison	117	146	72	8.7	72	36	5.8	63.55	39.08	3,947	3,809	2,139	2,219	25	25
Henry	32	97	47	8.2	47	37	5.1	49.68	37.47	2,708	2,662	1,345	1,313	22	22
Howard	90	96	32	8.4	32	9	6.8	70.24	32.34	2,280	2,131	1,296	1,245	5	5
Humboldt	95	100	44	8.4	44	26	5.0	52.01	34.35	2,068	2,030	1,163	1,197	16	16
Ida	99	99	33	8.5	33	31	5.6	69.31	34.97	1,964	1,823	1,060	1,089	4	4
Iowa	76	136	45	8.6	45	38	6.5	41.17	37.11	3,079	3,025	1,697	1,648	20	20
Jackson	106	136	64	8.4	64	23	6.2	66.32	30.89	3,642	3,606	1,968	2,129	27	27
Jasper	167	176	75	8.3	75	54	4.3	50.93	37.52	4,108	4,007	2,101	2,076	46	46
Jefferson	69	93	35	8.1	35	32	4.8	56.63	33.19	2,504	2,409	1,249	1,261	20	20
Johnson	114	162	76	8.6	76	41	6.9	56.02	35.92	3,792	3,761	1,976	1,967	8	8
Jones	70	127	60	8.6	60	24	5.6	63.73	35.46	3,286	3,019	1,779	1,576	22	22
Keokuk	24	124	78	8.2	78	61	5.0	50.21	36.64	3,347	3,304	1,963	1,966	23	23
Kossuth	905	909	62	7.6	62	50	4.8	57.32	30.30	3,691	3,707	2,394	2,340	124	124
Lee	47	104	110	8.4	110	30	7.1	69.97	42.47	5,633	5,745	2,780	2,963	36	36
Linn	106	164	243	8.7	243	62	5.1	34.39	43.63	8,414	8,134	4,518	4,422	53	53
Louisa	60	78	36	8.4	36	31	6.4	55.80	36.87	2,132	1,906	1,107	1,107	15	15
Lucas	33	90	37	8.2	37	25	5.3	50.34	24.47	2,506	2,451	1,238	1,270	9	9
Lyon	35	45	41	8.6	41	51	5.4	47.28	37.94	2,621	2,445	1,527	1,536	34	34

SCHOOL STATISTICS—CONTINUED.

Counties	Schools		Teachers				Pupils Enumeration					
	Number of sub-districts	Rooms in rural schools	Number rooms in graded schools	Average number months taught	Number employed		Av. No. months employed		Between ages of 5 and 21 years inclusive		Persons 7 to 14 years not attending school	
					Males	Females	Males	Females	Males	Females	Males	Females
Madison	113	133	43	8.2	47	221	4.5	5.7	2,529	2,537	1,891	1,871
Mahaaka	67	139	93	8.3	55	238	5.4	5.3	4,090	4,661	2,561	2,490
Marion	22	111	70	8.1	46	231	5.4	5.5	3,940	3,843	2,038	1,965
Marshall	87	128	114	8.7	40	318	5.5	5.9	4,189	3,997	2,211	2,168
Mills	19	82	50	8.8	25	136	7.2	7.1	2,458	2,341	1,273	1,312
Mitchell	51	37	50	8.4	23	165	6.4	5.8	2,207	2,371	1,234	1,238
Monona	133	143	63	8.	29	265	5.8	5.5	3,188	3,157	1,639	1,696
Monroe	60	96	58	8.	25	192	6.3	5.1	4,026	3,707	2,002	2,011
Montgomery	103	103	56	8.5	22	236	6.3	5.6	2,583	2,433	1,412	1,271
Muscatine	86	88	100	9.4	18	241	6.8	7.2	4,876	4,236	2,273	2,283
O'Brien	131	133	85	8.6	31	280	5.5	5.8	2,046	2,645	1,629	1,585
Osceola	92	91	25	8.1	21	167	5.7	4.7	1,712	1,582	969	881
Page	83	126	74	8.6	28	290	6.1	5.5	3,533	3,391	1,800	1,775
Palo Alto	124	126	34	8.4	24	220	6.2	5.4	2,385	2,301	1,346	1,327
Plymouth	161	170	57	8.6	29	307	5.5	5.8	4,077	3,978	2,312	2,253
Pocahontas	125	128	48	7.6	29	240	5.4	5.4	2,651	2,555	1,453	1,504
Polk	91	183	380	8.8	62	630	7.2	7.5	15,129	15,573	6,623	6,433
Pottawattamie	214	233	192	8.8	44	559	8.4	6.4	8,275	8,347	4,243	4,303
Poweshiek	118	129	57	8.6	52	305	4.7	5.4	2,978	3,088	1,538	1,671
Ringgold	95	124	43	8.1	31	230	4.9	5.1	2,309	2,165	1,331	1,254
Sac	182	183	51	8.6	25	259	5.9	5.3	2,692	2,830	1,493	1,565
Scott	78	101	196	9.7	53	315	6.0	5.7	2,829	2,802	1,411	1,406
Shelby	149	134	47	8.7	41	248	6.	5.5	2,911	2,523	1,570	1,402
Sioux	161	167	63	8.2	39	374	7.5	6.6	4,039	4,281	2,581	2,421
Story	112	130	87	8.5	31	307	4.9	4.9	4,743	3,776	2,054	1,945

REPORT OF THE

Tama	95	170	66	8.2	44	223	5.3	5.5	50.02	32.35	2,705	8,605	1,902	2,007	25	34
Taylor	91	116	59	8.3	33	241	5.	5.2	47.17	37.05	2,670	2,632	1,403	1,370	35	21
Union	68	104	65	8.5	41	244	5.7	5.3	51.86	38.18	2,711	2,708	1,400	1,368	8	3
Van Buren	65	110	61	7.8	26	194	5.2	4.9	51.06	30.56	2,478	2,323	1,390	1,140	8	4
Wapello	55	97	119	8.7	34	303	7.3	6.7	72.71	43.62	3,121	5,165	2,846	2,803	47	39
Warren	52	121	55	8.	47	371	4.9	4.8	47.50	33.90	2,180	3,205	1,323	1,587	23	14
Washington	50	123	60	8.7	38	255	5.2	5.1	62.28	38.32	3,109	3,064	1,702	1,768	8	8
Wayne	51	116	59	7.8	55	327	5.4	4.8	50.93	32.97	2,606	2,721	1,400	1,480	14	16
Webster	136	173	90	8.8	58	374	5.1	5.1	62.67	40.99	4,709	4,710	2,437	2,425	52	23
Winneshago	76	91	83	7.8	19	155	5.8	5.3	57.86	34.81	2,139	1,972	1,155	1,113	16	9
Winneshiek	98	141	40	7.7	35	241	5.3	4.9	47.85	35.43	2,741	3,879	1,535	1,980	111	51
Woodbury	134	176	328	8.9	59	567	7.3	6.1	75.23	47.15	10,096	10,942	7,689	7,471	14	16
Worth	68	88	23	7.5	35	124	5.2	5.1	43.03	30.69	1,341	1,825	1,075	1,062	5	8
Wright	119	130	60	7.5	35	234	5.0	4.9	54.74	32.04	3,105	2,945	1,782	1,608	30	26
Total	9,475	12,087	6,630	48.5	3,548	20,102	5.2	5.	*\$53.97	*\$43.41	\$63,044	\$49,709	189,922	187,920	3,067	2,378

*Note.—The average compensation of teachers was found this year by dividing the total amount paid teachers, male and female, by the total number of months all teachers, male and female, were employed, as is recommended by the National Bureau of Education.

Formerly it has been the custom of this department to compute the average compensation upon the number of different teachers employed, disregarding the time, and the average compensation, as reported for the several corporations. By this method the average compensation this year is, males \$49.77, females \$40.30.

Hereafter the method employed this year and recommended by the Commissioner of Education will be employed.

†The average number of months in the school year is computed on the basis of average attendance.

ABSTRACT [A] REPORT OF COUNTY SUPERINTENDENTS—CONTINUED.

SCHOOL STATISTICS 1906.

REPORT OF THE

78

Counties	Pupils Enrollment Attendance—Tuition				General				Rooms in which effects of equip- ments and paral- lels are taught				
	Total enrollment	Previously enrolled	Non-resident pupils and tuition		Value of school houses	Number of school houses	Value of apparatus	Number of volumes in the libraries					
			Below ninth grade							Ninth grade and above			
			No.	Amount received							No.	Amount received	
Adair	4,100	64	2,000.	\$ 2.22	96	\$ 750.76	71	\$ 825.71	146	110,125	8,423	5,318	169
Adams	3,413	73	2,398.	2.21	45	281.95	43	472.94	112	100,535	8,249	2,661	139
Alfamaakee	4,250	21	2,904.2	3.08	59	632.10	36	633.41	133	192,610	8,265	6,595	157
Appanoose	7,545	135	5,301.	1.47	141	538.44	107	1,199.80	138	225,690	5,773	5,042	210
Audubon	3,979	41	2,410.	2.15	16	171.50	57	632.87	111	112,606	6,233	33,959	129
Benton	5,830	127	4,003.	2.22	90	492.80	73	1,021.21	187	212,310	9,033	11,063	230
Black Hawk	3,255	136	5,042.	2.19	50	81.88	37	500.88	158	483,855	12,501	12,739	252
Boone	6,610	161	4,495.	2.91	13	404.00	28	449.25	157	213,325	9,473	12,000	209
Bremer	3,538	143	2,230.6	2.09	74	646.21	34	435.59	112	125,185	7,000	8,953	184
Buchanan	4,968	40	3,312	2.18	70	430.08	72	689.10	150	188,255	11,701	7,656	194
Buena Vista	4,240	140	2,005	2.23	65	388.09	74	1,050.06	141	174,735	7,453	17,802	178
Butler	4,820	423	2,244.	2.18	62	220.50	141	1,305.05	147	157,595	9,709	8,997	182
Calhoun	5,174	92	3,341.	2.33	86	770.59	82	1,161.67	149	172,405	9,385	14,798	177
Carroll	4,476	76	2,098.	2.30	60	447.22	41	688.15	143	100,200	15,023	6,016	183
Cass	6,394	140	3,038.	2.29	48	470.02	106	1,243.85	134	188,945	8,348	7,055	189
Cedar	4,460	70	3,240.	2.28	101	894.23	134	1,403.34	145	209,215	7,664	8,072	175
Cerro Gordo	5,980	80	3,540.	2.35	61	508.43	47	1,045.99	148	439,392	15,733	6,030	210
Cherokee	4,353	108	2,003.	2.40	57	476.40	43	358.13	144	188,305	8,613	20,647	147
Chickasaw	3,642	62	2,403.	2.05	43	298.83	64	699.56	122	103,700	7,042	5,481	141
Clark	3,252	109	2,154.	2.03	39	46.84	20	270.70	108	104,220	2,879	2,930	129
Clay	3,167	44	2,438.	2.47	25	232.53	20	4.80.11	151	118,440	8,000	10,877	160
Clayton	6,750	74	4,410.	1.92	76	305.24	63	1,633.00	181	209,105	10,923	10,045	217
Clinch	9,443	150	6,780	2.01	35	600.03	37	930.43	185	481,460	15,848	10,144	274
Crawford	5,566	161	3,705.	2.57	69	515.71	47	658.14	160	233,594	7,710	7,710	292

SUPERINTENDENT OF PUBLIC INSTRUCTION

79

Dallas	6,320	80	4,513	2.10	72	538.29	128	1,733.37	157	228,560	6,096	6,549	223
David	2,808	89	2,492	1.64	42	97.00	10	60.80	103	96,367	2,088	2,455	120
Decatur	4,860	180	3,308	1.76	60	318.49	106	1,204.87	123	118,932	4,327	4,088	160
Delaware	4,372	200	3,038	1.97	148	400.63	78	749.85	145	142,000	7,332	7,153	170
Des Moines	6,367	302	5,307	2.22	98	156.59	98	399.00	99	321,630	4,972	5,634	218
Dickinson	2,450	131	1,574	2.47	29	255.05	10	165.95	80	86,505	3,917	3,455	102
Dubuque	7,903	46	6,539	2.22	46	103.45	10	110.70	150	504,865	12,327	9,396	280
Emmet	2,789	19	1,764	2.59	43	408.25	13	118.75	85	99,500	3,361	11,012	107
Fayette	7,216	158	4,959.2	1.78	30	136.28	109	1,213.29	191	212,150	10,486	18,663	239
Floyd	4,087	47	2,845	2.39	57	228.27	105	1,200.10	124	231,570	10,629	8,565	164
Franklin	3,719	78	2,598	2.36	42	280.36	37	554.40	144	127,135	6,622	6,169	169
Fremont	4,253	54	3,313	2.10	115	1,083.29	101	1,110.40	130	163,850	8,410	8,809	161
Greene	4,596	130	3,083	2.35	32	281.32	105	1,575.00	146	165,275	5,455	5,782	170
Grundy	3,757	107	2,553	2.26	70	449.04	91	749.21	128	119,626	8,209	4,984	144
Guthrie	4,737	126	3,504	2.11	64	416.85	48	518.60	134	175,255	6,901	6,023	194
Hamilton	5,054	77	2,201	3.30	89	447.71	55	460.66	144	196,760	10,304	6,987	181
Hancock	3,899	156	2,504	2.62	57	348.06	26	245.83	135	143,740	5,915	7,215	163
Hardin	5,543	103	3,938	2.28	118	1,094.90	120	1,339.83	148	200,775	9,908	8,791	208
Harrison	6,934	78	4,526	2.04	77	638.67	210	2,882.65	162	188,357	7,466	6,070	230
Henry	4,731	78	3,323	1.88	47	296.60	47	455.17	169	140,640	8,781	7,500	148
Howard	3,292	84	2,273	1.92	35	277.36	10	80.88	103	116,530	4,933	5,196	138
Humboldt	3,376	81	2,223.5	2.32	124	1,044.59	82	960.75	112	114,120	4,965	9,431	139
Ida	3,134	141	2,303	2.55	34	336.30	87	1,755.95	107	126,800	7,640	7,071	108
Iowa	4,798	141	3,399	1.98	98	690.72	118	1,433.51	143	167,445	7,422	11,352	176
Jackson	5,320	158	3,012	1.79	84	654.54	90	1,073.28	155	190,716	8,672	3,825	202
Jasper	6,524	130	4,492.8	2.14	62	482.65	106	1,607.92	162	239,055	8,285	7,388	252
Jefferson	3,953	96	2,840	1.81	78	319.72	24	507.27	101	130,085	3,518	4,693	136
Johnson	5,068	120	3,963	2.22	92	937.68	99	1,802.25	172	257,605	10,479	12,272	229
Jones	4,993	119	3,538	1.92	61	440.20	102	1,274.02	139	176,525	9,687	10,489	177
Keokuk	5,816	310	4,033	1.94	143	899.46	169	1,950.32	145	198,660	7,362	8,791	200
Kossuth	6,152	298	3,856	2.82	190	441.62	45	254.10	226	225,450	15,429	9,091	271
Lee	6,442	61	4,845	1.92	77	502.01	44	879.75	124	398,150	8,831	7,161	210
Linn	12,670	216	9,563	2.07	129	1,422.40	145	2,223.58	206	784,470	20,120	16,909	354
Louisa	3,283	54	2,400	2.61	10	404.05	84	813.50	90	133,623	4,680	6,367	114
Lucas	3,949	79	2,776	1.75	32	248.85	41	559.12	99	187,700	6,527	4,925	127
Lyon	4,057	69	2,594	2.62	94	1,020.99	60	912.10	138	136,900	7,040	6,789	157

SCHOOL STATISTICS—CONTINUED.

REPORT OF THE

Counties	Pupils—Enrollment—Attendance—Tuition.					General						
	Total enrollment	Previously enrolled	Total average attendance	Non-resident pupils and tuition		Number of school houses	Value of school houses	Value of apparatus	Number of volumes in the libraries	Rooms in which affects of stimulants and narcotics are taught		
				Below ninth grade							Ninth grade and above	
				No.	Amount received						No.	Amount received
Madison	4,894	42	3,141.	73	322.44	138	1,581.43	4,708	4,416	172		
Mahaska	8,079	165	5,296.	77	804.18	47	636.64	8,772	6,111	225		
Marion	6,364	66	4,240.	86	376.42	54	870.23	7,242	7,351	203		
Marshall	6,521	325	4,780.	114	1,124.25	83	1,378.31	7,034	9,256	228		
Mills	4,054	287	2,631.	71	451.34	80	608.10	7,657	12,737	137		
Mitchell	3,322	39	2,241.	43	432.30	17	853.06	6,680	12,415	131		
Monona	4,826	22	3,290.	69	495.13	71	1,037.40	6,585	3,896	193		
Monroe	6,254	107	3,842.	10	73.00	72	1,252.86	5,860	3,480	114		
Montgomery	4,233	67	3,091.	14	105.25	80	1,036.91	6,459	8,727	169		
Muscatine	4,013	65	4,405.	42	388.23	70	1,259.30	6,168	4,333	138		
O'Brien	4,749	123	3,450.	51	501.78	89	995.25	16,000	18,038	133		
Osceola	2,523	36	1,620.	52	326.57	24	329.30	4,135	11,402	100		
Page	5,973	247	4,123.	112	837.95	40	680.87	7,706	7,569	200		
Palo Alto	3,737	55	2,338.5	47	376.50	33	333.25	10,000	19,307	168		
Plymouth	5,791	63	3,578.	69	597.58	26	321.04	12,410	8,584	226		
Pocahontas	4,340	102	2,834.2	95	390.39	73	702.11	10,430	12,922	176		
Polk	22,037	6,819	15,779.	81	482.55	123	2,623.72	42,159	0,049	516		
Pot'wa'mie	13,038	151	9,300.	116	965.68	142	2,142.49	16,001	12,829	423		
Poweshiek	5,253	95	3,866.	93	609.85	114	1,829.61	6,460	7,965	136		
Ringgold	4,164	106	2,913.	43	330.13	41	354.89	8,450	4,478	151		
Sac	4,036	54	2,692.	85	739.55	101	1,296.81	8,567	11,748	197		
Scott	11,113	104	8,180.	114	1,300.40	51	908.56	12,607	14,554	183		
Shelby	4,551	79	3,024.7	40	247.40	94	937.91	0,540	11,181	263		
Sioux	5,802	74	4,149.	60	294.61	54	645.52	12,000	11,436	263		
Story	6,526	9	4,444.	98	500.07	101	2,025.99	12,333	0,708	317		

Tama	5,971	143	4,109.	2.36	142	470.75	48	526.80	183	258,600	10,504	9,552	235
Taylor	4,679	175	3,361.	2.07	85	544.45	53	518.67	181	135,025	6,111	4,608	173
Union	4,521	58	3,273.	3.15	45	331.02	90	1,191.08	130	227,081	7,087	5,956	159
Van Buren	4,022	164	2,845.	1.77	157	712.79	145	1,006.45	116	129,290	3,798	4,050	151
Wapello	9,893	390	6,403.	1.61	161	550.03	48	660.70	116	438,785	9,515	10,125	215
Warren	5,610	182	3,705.	1.75	100	334.05	81	1,103.74	143	187,145	6,541	8,043	179
Washington	4,890	200	3,459.	2.06	84	616.23	94	1,040.98	139	175,395	7,529	14,528	172
Wayne	6,091	238	3,464.	1.75	167	615.07	181	1,728.51	128	159,037	7,205	6,708	176
Webster	5,785	74	4,645.	2.32	80	405.50	52	787.30	191	339,477	9,238	16,673	238
Winnebago	3,322	69	2,273.	1.94	45	226.09	28	237.50	93	92,200	4,910	4,308	119
Winneshiek	4,931	72	2,900.	2.19	52	273.51	19	159.82	150	165,920	8,126	9,636	164
Woodbury	20,794	285	16,025.	2.19	59	1,099.32	117	1,431.65	218	1,005,418	22,549	10,571	111
Worth	2,600	86	1,573.	1.94	5	28.25	26	164.68	97	76,565	3,897	6,929	163
Wright	4,974	86	3,020.	1.94	41	327.65	156	1,773.60	141	182,595	9,994	12,539	163
Total	549,449	18,510	375,630.	\$ 2.14	7,082	\$ 48,927.20	7,243	\$ 95,757.41	13,947	\$ 23,198,769	\$ 871,174	881,206	18,058

ABSTRACT [B] REPORT FOR 1906. SCHOOL FINANCES.

REPORT OF THE

Counties	Teachers' Fund									
	On hand at last report	Debit			Total debit or credit	Paid teachers since last report		Paid for library books	Paid for other purposes	On hand
		Received from district tax	Received from apportionment	Received from tuition		Received from other sources	Male	Female		
Adair	\$ 20,173.64	\$ 45,736.68	\$ 6,856.77	\$ 1,514.21	\$ 73,282.20	\$ 2.00	\$ 7,000.03	\$ 41,196.21	\$ 200.29	\$ 24,057.08
Adams	34,928.94	35,839.92	5,733.22	954.87	47,458.87	2.00	6,406.50	33,978.42	22.45	34,850.89
Allamakee	19,141.13	34,078.17	3,708.56	1,185.00	38,928.03	120.54	5,618.00	33,438.20	149.35	18,894.91
Appanoose	26,700.73	63,223.09	8,676.29	1,739.24	74,347.37	4,037.87	14,708.70	46,643.34	307.51	38,889.41
Audubon	19,002.58	36,333.31	6,576.53	804.37	42,716.82	2.00	7,025.58	35,778.95	189.30	19,740.37
Benton	56,194.70	61,494.01	16,533.03	1,524.70	80,646.44	882.84	16,801.86	61,171.91	339.18	58,615.46
Black Hawk	54,801.93	90,617.55	14,439.29	642.78	160,493.04	38.50	10,125.92	103,838.92	37.10	45,878.52
Boone	42,939.80	65,796.97	10,092.42	913.25	77,742.44	2,997.42	12,893.92	62,010.27	331.95	47,357.96
Bremer	19,107.38	30,132.05	5,916.88	1,081.80	37,136.03	51.19	6,894.70	32,378.16	32.13	21,338.45
Buchanan	36,996.36	54,824.35	8,321.37	1,119.78	64,266.26	53.33	6,084.50	58,300.53	206.19	38,392.43
Buena Vista	31,834.05	51,666.42	3,359.10	1,030.10	57,489.67	1,165.80	9,563.16	47,869.74	187.32	33,338.96
Butler	40,603.30	53,919.07	8,095.32	1,635.15	63,652.84	33.00	11,002.71	49,330.93	240.77	44,371.36
Calhoun	17,256.45	64,849.49	8,344.22	1,011.26	73,461.41	876.94	10,699.53	55,104.08	246.73	36,079.92
Carroll	29,297.13	59,044.78	7,210.50	1,055.37	67,507.78	435.84	11,553.55	51,950.68	302.76	33,051.95
Cass	36,383.40	63,623.99	8,877.08	1,584.32	70,468.79	153.71	10,807.80	60,704.05	169.53	39,036.97
Cedar	42,462.38	54,037.60	11,963.86	1,040.93	65,404.77	280.42	12,331.25	52,510.74	149.61	45,414.17
Cerro Gordo	43,064.01	50,444.77	9,235.53	1,614.42	64,358.73	835.01	10,490.95	60,873.80	123.39	33,604.41
Cherokee	42,509.97	47,477.92	10,412.00	834.53	51,635.42	101,294.42	11,848.40	51,490.29	232.33	37,898.32
Chickasaw	23,601.12	26,031.03	6,000.80	994.23	36,627.18	110.10	4,601.40	30,022.92	34.89	24,700.33
Clarke	16,050.05	29,108.00	6,251.96	317.34	35,727.35	128.11	9,024.48	27,250.71	117.84	16,439.72
Clay	27,718.90	50,922.30	6,187.61	745.60	54,674.41	504.44	8,361.50	43,054.03	105.44	24,333.33
Clayton	47,183.55	59,584.39	9,705.00	2,087.43	68,560.37	485.65	15,459.05	52,590.08	219.57	49,977.59
Clinton	32,316.63	116,153.63	10,130.50	1,209.96	139,810.72	62.60	17,610.00	108,893.31	304.51	39,708.91
Crawford	47,917.84	67,043.45	9,252.61	1,074.39	78,288.29	1,400.39	10,061.98	65,496.39	302.51	44,802.10

Dallas	38,272.64	70,795.43	11,586.40	2,271.66	85.54	123,011.67	14,678.94	67,333.25	202.50	334.36	40,350.02
Davis	9,796.79	20,828.31	5,659.59	74.09	146.31	36,505.09	8,849.01	19,308.70	94.87	336.03	7,357.43
Decatur	23,854.19	33,158.94	5,792.93	1,257.17	1,169.49	65,232.72	11,279.62	34,455.62	109.06	200.85	19,157.57
Delaware	37,303.76	44,329.70	7,268.67	1,159.48	.....	90,061.61	4,750.00	46,364.91	203.61	166.41	36,073.63
Des Moines	29,708.40	95,122.19	11,414.95	533.74	21.22	136,800.50	19,917.02	81,815.08	57.73	413.34	34,597.23
Dickinson	16,150.24	30,455.55	4,302.24	431.00	193.68	51,532.71	5,483.00	27,267.93	66.50	126.21	18,589.07
Dubuque	20,075.69	97,422.06	19,888.95	46.50	608.46	187,991.66	22,367.01	94,959.33	17.13	454.73	20,193.47
Emmet	19,880.43	34,290.00	4,491.37	454.15	200.00	59,315.95	4,058.00	33,653.29	175.54	133.65	21,336.47
Fayette	51,073.50	60,617.99	11,136.97	1,349.55	823.12	125,001.13	13,363.89	61,339.59	84.81	536.23	49,676.56
Floyd	21,252.03	48,033.94	5,809.87	1,066.16	82.69	76,244.69	10,824.00	44,084.04	51.85	368.06	20,966.72
Franklin	24,940.58	46,659.25	6,468.29	834.76	1,207.88	80,110.76	11,084.95	39,833.07	270.34	312.81	28,009.59
Fremont	40,935.83	59,363.88	7,509.01	1,919.69	75.00	109,808.41	9,826.51	53,496.74	190.74	500.99	45,731.43
Greene	39,250.99	52,851.14	7,300.30	1,277.15	2,007.68	102,687.26	10,735.30	50,832.01	125.73	791.94	40,151.78
Grundy	30,355.36	45,296.83	11,435.00	1,248.25	224.12	88,559.56	8,874.47	39,804.00	81.00	315.62	39,484.47
Guthrie	35,300.47	58,398.38	9,237.13	766.46	1,818.43	105,520.87	14,433.95	49,185.94	247.64	2,243.73	39,404.61
Hamilton	29,867.42	57,875.59	8,077.93	908.37	223.87	96,953.18	10,825.79	52,164.99	307.14	242.10	33,413.16
Hancock	23,646.91	51,423.74	7,113.51	593.91	442.00	88,220.07	13,056.83	41,127.23	305.86	331.02	33,349.03
Hardin	54,312.21	66,111.65	12,658.55	2,434.73	58.75	135,575.89	14,242.06	61,350.30	332.27	689.39	59,011.83
Harrison	40,986.53	76,800.36	8,850.30	854.07	854.50	128,345.81	14,013.65	66,894.45	113.32	140.87	47,133.02
Henry	21,083.49	40,851.15	7,119.58	751.86	1,108.68	70,914.76	9,440.75	40,174.84	134.89	583.67	20,575.61
Howard	15,879.72	32,405.81	5,303.74	367.22	16.25	53,972.74	4,144.25	32,569.72	123.97	311.54	16,323.26
Humboldt	26,560.77	39,508.76	5,714.41	1,410.14	57.04	73,251.12	7,359.93	35,326.02	90.12	917.31	29,057.71
Ida	35,732.92	45,557.92	2,975.69	1,966.09	.....	86,232.62	12,076.43	33,043.65	23.30	404.43	35,674.21
Iowa	27,598.46	45,972.56	7,494.74	1,592.54	5,177.91	87,836.21	13,915.75	44,163.53	200.23	3,122.35	26,434.30
Jackson	34,039.27	52,839.17	7,660.92	1,476.07	1,106.63	97,122.06	9,705.24	49,492.05	70.00	451.52	37,373.25
Jasper	37,067.71	72,143.25	11,281.90	2,256.90	673.18	123,422.94	11,907.17	63,591.03	343.29	175.47	42,405.93
Jefferson	21,959.45	35,170.02	8,187.82	826.99	16.35	66,160.63	5,736.05	33,032.32	96.14	133.34	27,032.73
Johnson	25,289.72	66,033.99	10,870.65	2,800.13	363.19	105,387.68	13,556.30	62,473.07	94.35	607.12	23,651.34
Jones	40,807.15	46,253.32	9,354.92	1,714.22	182.56	98,312.17	8,595.44	50,163.01	139.02	837.03	33,532.62
Keokuk	36,232.95	52,133.46	9,536.68	2,749.78	839.68	101,592.55	15,435.23	49,269.27	275.54	1,013.89	36,593.63
Kossuth	50,126.48	80,723.42	10,103.76	695.72	1,477.63	143,220.06	13,733.33	63,949.87	295.23	1,511.90	53,339.13
Lee	16,211.36	70,303.43	11,690.05	1,332.36	23,077.35	122,665.10	14,885.57	63,699.91	223.49	24,333.12	19,513.01
Linn	94,384.90	138,996.07	22,475.35	3,646.07	955.33	260,458.22	26,465.49	145,867.09	145.70	630.12	37,399.32
Louisa	21,857.53	36,422.51	6,256.32	1,217.55	1,871.86	67,625.77	9,339.72	31,442.55	53.29	175.34	26,559.87
Lucas	21,696.26	33,970.03	7,355.92	307.97	635.32	64,516.05	6,645.13	33,054.76	121.53	307.17	24,457.41
Lyon	34,089.05	53,233.80	6,352.31	2,007.93	631.97	96,320.03	12,977.77	45,453.59	172.86	537.45	37,133.39

SCHOOL FINANCES—CONTINUED.

REPORT OF THE

Counties	Debit						Credit				
	On hand at last report	Received from district tax	Received from semi-annual apportion- ment	Received from tuition	Received from other resources	Total debit or credit	Paid teachers since last report		Paid for libr- ary books	Paid for other purposes	On hand
							Male	Female			
Madison	\$ 21,859.89	\$ 43,370.78	\$ 6,773.08	\$ 1,803.87	\$ 307.74	\$ 74,216.21	\$ 9,886.53	\$ 41,375.89	\$ 185.87	\$ 107.08	\$ 22,649.99
Mahaska	34,649.96	77,661.09	13,874.54	1,762.29	872.64	128,810.51	20,044.31	61,801.81	218.99	2,218.98	44,326.43
Marion	40,120.53	57,756.84	8,224.87	1,264.52	353.06	107,719.81	11,846.06	47,711.53	219.44	1,312.72	46,631.01
Marshall	30,319.48	97,714.91	3,410.80	2,602.67	1,880.22	135,807.93	12,988.41	53,976.02	307.71	6,670.66	32,906.33
Mills	31,036.54	45,741.37	5,061.00	1,117.53	456.03	84,412.47	11,109.90	39,413.77	146.62	2,111.23	30,668.96
Mitchell	21,884.69	37,980.71	5,566.88	1,233.20	1,997.15	68,651.59	9,643.33	32,915.83	146.56	1,847.51	24,038.39
Monona	33,242.05	65,691.09	9,085.80	1,522.53	544.35	105,326.42	10,967.21	52,694.19	129.03	589.64	41,346.45
Monroe	23,383.44	45,363.09	9,260.97	1,325.88	269.69	80,105.04	8,742.53	36,410.07	189.30	180.86	34,632.38
Montgomery	22,474.21	52,236.13	4,565.92	1,233.70	67.22	86,549.83	9,131.41	47,924.74	38.70	57.00	23,504.38
Muscatine	16,807.95	72,026.96	10,601.30	1,545.68	1,427.71	102,340.60	10,330.50	71,367.89	39.11	644.35	19,948.72
O'Brien	34,866.72	63,491.97	7,153.16	1,407.03	667.11	107,676.99	11,067.01	58,373.32	34.35	963.33	37,208.93
Osceola	26,653.30	30,624.54	4,140.25	556.37	212.62	62,086.98	5,574.75	22,304.10	63.74	156.72	27,067.67
Page	50,192.93	66,412.97	12,102.13	1,818.82	64.60	130,591.36	9,514.39	64,304.59	963.90	186.06	66,320.42
Palo Alto	28,692.61	46,132.09	6,481.37	820.90	635.84	82,563.41	7,345.00	42,497.15	133.52	2,159.08	30,420.69
Plymouth	45,441.64	64,520.00	10,002.30	1,002.69		121,123.63	9,019.43	64,067.23	186.31	1,003.08	46,757.59
Pocahontas	28,203.95	50,703.36	6,611.61	1,195.40	2,103.72	89,023.04	8,424.49	46,403.45	15.90	446.05	33,732.15
Polk	145,606.55	273,148.06	20,306.35	2,450.99	1,013.19	447,620.13	41,670.96	294,678.41	87.77	331.96	110,351.09
Pottawattamie	70,854.34	167,306.47	19,913.02	1,749.67	10.83	260,025.23	17,390.00	164,349.79	369.96	347.47	77,568.01
Poweshiek	35,636.92	64,181.96	8,856.00	2,699.46	361.21	111,364.57	14,372.44	57,613.89	174.36	376.39	39,923.99
Ringold	25,906.63	40,670.71	5,850.83	1,396.67	445.10	74,150.94	8,564.15	28,322.51	52.75	539.49	26,676.74
Sac	23,256.67	55,233.23	5,350.27	1,330.07	676.35	96,449.49	9,410.58	52,093.15		643.77	34,303.04
Scott	35,016.95	144,235.30	21,823.20	2,307.96	597.95	253,066.45	40,049.30	130,623.92	132.94	683.67	62,666.12
Shelby	32,380.72	61,593.63	7,466.16	1,185.31	319.33	103,946.20	10,301.00	52,447.25	547.72	1,200.48	39,548.77
Sioux	46,676.46	99,293.39	9,341.06	974.13	237.66	146,672.87	16,890.71	70,367.37	346.30	240.90	58,767.08
Story	44,276.61	70,367.33	10,066.94	2,606.06	1,236.06	139,043.73	16,890.71	53,670.33	111.94	113.35	48,946.55

Tama -----	51,531.77	67,933.64	14,647.26	1,077.55	704.30	136,333.41	14,307.87	68,330.36	257.45	731.78	52,297.06
Taylor -----	25,753.14	45,858.27	7,983.41	1,033.13	268.21	80,926.16	8,915.50	47,465.36	83.26	215.06	24,246.49
Union -----	20,333.95	42,240.63	6,592.67	1,463.50	2,332.74	72,943.49	12,134.73	48,004.96	225.03	100.00	12,478.73
Van Buren-----	26,261.15	34,300.49	5,830.10	1,725.23	691.19	63,863.16	9,738.79	29,365.93	101.49	593.14	29,068.76
Wapello -----	29,215.20	86,456.41	12,493.17	1,226.73	735.04	130,131.55	12,789.23	88,361.26	276.44	122.90	28,581.72
Warren -----	23,439.18	43,660.40	7,943.42	970.63	213.85	81,232.48	10,556.60	41,343.83	95.13	345.72	23,641.21
Washington -----	28,664.36	61,550.23	9,090.50	1,663.21	2,116.81	103,085.11	12,409.43	50,276.71	137.70	683.51	39,673.71
Wayne -----	26,292.43	42,315.03	6,784.20	2,371.84	1,300.64	79,034.19	15,381.88	32,463.15	323.51	940.74	29,949.91
Webster -----	41,763.01	85,249.47	12,203.08	1,256.18	29.50	140,506.24	12,170.36	77,605.33	240.36	334.50	50,155.19
Winnebago -----	24,249.98	27,544.41	5,137.71	573.59	-----	57,505.69	6,336.26	28,534.50	119.93	300.82	22,214.19
Winneshiek -----	26,023.41	41,226.61	8,963.33	433.33	1,474.07	78,125.75	9,269.26	41,534.20	270.35	1,150.10	25,901.84
Woodbury -----	95,537.51	167,064.79	16,420.34	1,511.73	3,072.77	283,657.64	32,047.52	164,046.15	147.03	251.69	57,165.22
Worth -----	14,193.63	25,750.39	4,514.28	192.87	106.82	44,753.04	7,854.17	19,584.45	169.00	-----	17,150.42
Wright -----	43,327.31	57,354.89	7,399.08	2,100.65	159.02	110,340.95	11,190.73	55,167.42	82.30	170.58	43,729.92
Total -----	\$3,457,332.27	\$6,017,401.71	\$331,343.60	\$133,710.53	\$93,701.23	\$ 10,584,044.39	\$ 1,179,384.53	\$ 5,664,896.19	\$ 16,623.67	\$ 90,175.83	\$ 3,633,464.12

SUPERINTENDENT OF PUBLIC INSTRUCTION

Dallas	11,484.61	10,673.42	818.04	22,976.07	6,886.22	7,171.08	990.50	7,928.27
Davis	2,296.52	5,526.61	300.02	8,122.15	811.20	3,328.68	450.89	3,531.38
Decatur	2,543.99	5,874.00	272.62	8,690.61	972.02	2,827.48	1,155.16	3,735.79
Delaware	8,509.59	3,500.40	3,880.31	15,890.30	12,098.37	1,612.83	372.87	1,908.23
Des Moines	335.37	10,609.42	11.93	10,956.72	37.00	9,375.81	415.38	1,128.53
Dickinson	2,299.72	8,284.89	855.91	11,440.52	2,589.51	2,423.58	1,807.98	4,619.45
Dubuque	1,074.74	1,682.74	11.22	2,768.70	385.19	493.47	579.24	1,510.80
Emmet	1,695.79	5,289.90	6,257.99	13,242.78	6,798.66	857.43	2,732.54	2,854.15
Fayette	2,831.73	8,804.41	96.62	11,732.76	2,965.35	2,313.18	399.36	6,042.60
Floyd	3,530.71	6,767.38	15,760.14	26,058.23	15,370.54	6,838.96	1,279.00	2,569.73
Franklin	5,639.74	4,360.85	145.91	10,146.50	3,752.59	1,158.40	59.90	5,175.61
Fremont	2,719.62	5,511.82	2,000.00	10,231.44	510.00	5,155.66	795.14	6,770.64
Greene	17,781.93	4,422.33	2,770.94	24,975.20	19,912.79	1,054.10	2,464.51	1,543.80
Grundy	3,643.52	4,748.93	354.62	8,747.07	411.20	2,191.90	2,443.20	3,692.85
Guthrie	1,753.47	3,751.23	194.49	5,699.24	39.98	2,069.05	1,334.56	2,073.32
Hamilton	10,154.56	8,748.92	3,571.68	22,475.16	12,795.24	2,614.56	1,634.98	5,430.38
Hancock	7,772.49	8,083.59	954.20	16,815.28	4,041.61	1,805.68	3,166.12	7,301.87
Hardin	4,047.37	8,809.91	357.93	13,215.21	2,470.54	3,326.42	212.04	7,306.21
Harrison	3,662.96	9,025.61	36,170.81	48,859.33	24,184.66	2,182.61	2,305.66	20,186.45
Henry	1,128.03	3,487.70	241.54	4,857.27	304.29	1,391.70	2,405.47	755.81
Howard	12,202.44	3,836.60	15.00	16,104.04	12,269.66	1,560.44	62.96	2,210.98
Humboldt	2,423.55	3,183.85	158.44	5,765.84	553.29	1,998.70	180.00	3,063.35
Ida	2,217.34	7,939.49	9,401.64	19,558.47	.....	10,900.95	5,254.54	3,402.98
Iowa	5,235.77	4,329.50	1,106.30	10,671.57	1,110.38	2,143.29	137.46	7,079.94
Jackson	3,665.77	4,739.52	453.88	8,869.17	1,835.12	1,742.10	1,537.27	3,744.68
Jasper	4,711.63	11,735.37	216.72	16,663.72	4,483.20	484.61	4,488.31	7,207.60
Jefferson	472.39	3,306.95	16,608.03	20,387.37	16,056.14	1,243.14	1,902.49	1,185.60
Johnson	1,212.36	12,633.32	1,165.12	15,010.80	1,535.67	3,013.96	1,938.58	8,522.59
Jones	2,086.90	4,721.39	6,670.17	13,378.46	855.87	9,103.35	1,581.24	1,888.00
Keokuk	2,846.32	9,887.62	2,038.79	14,772.73	1,543.55	7,752.86	2,421.06	3,055.26
Kossuth	8,410.26	10,750.65	3,622.24	22,783.15	6,420.84	7,688.33	1,800.44	6,873.54
Lee	375.54	2,523.62	618.50	3,522.66	501.11	518.61	1,159.46	1,343.47
Linn	11,557.06	34,890.30	1,320.73	47,768.09	4,719.61	8,778.64	8,340.37	25,929.47
Louisa	4,928.53	5,954.54	17,278.75	28,161.87	18,764.23	2,694.65	3,657.78	3,045.16
Lucas	4,250.50	8,906.13	175.11	13,331.79	1,144.87	2,446.25	561.13	9,179.54
Lyon	8,145.34	22,855.98	2,053.28	33,054.60	4,762.53	16,041.44	3,034.92	9,213.66

SCHOOL FINANCES—CONTINUED.

REPORT OF THE

Schoolhouse Fund										
Counties	Debit			Total debit or credit	Credit					
	On hand at last report	Received from district tax	Received from other sources		Paid for schoolhouses and sites	Paid on bonds and interest	Paid for library books	Paid for other purposes	On hand	
Madison	\$ 2,533.85	\$ 4,993.93	\$ 516.05	\$ 8,043.83	\$ 1,593.96	\$ 2,139.89	\$	\$ 1,274.12	\$ 3,085.86	
Mahaska	3,692.42	6,256.15	1,378.06	11,326.63	1,103.90	4,823.40		2,121.28	3,278.05	
Marion	5,949.05	8,947.82	2,273.18	17,170.05	1,071.65	7,219.26		1,684.08	7,196.11	
Marshall	4,167.93	11,164.04	697.50	16,029.47	894.19	1,531.52		2,829.32	10,774.14	
Mills	2,712.54	6,087.77	2,019.36	10,819.67	1,508.29	1,873.10		2,279.64	5,163.64	
Mitchell	3,302.93	3,972.60	132.89	7,408.42	49.84	1,529.90		491.84	5,336.84	
Monona	4,036.23	10,194.64	3,686.08	17,896.95	4,131.08	7,916.79		1,263.91	4,555.17	
Monroe	2,078.36	11,058.77	209.86	13,346.99	352.09	8,789.90	25.00	1,464.74	2,715.26	
Montgomery	1,507.91	8,706.23	894.05	11,108.19	793.95	2,896.50		2,099.28	5,318.46	
Muscatine	89.57	5,224.35	17,651.27	22,965.19	17,734.87	2,763.75		1,093.90	1,872.67	
O'Brien	5,082.00	12,567.60	412.68	18,062.37	6,284.69	3,961.46		792.75	7,023.47	
Osceola	1,945.83	4,998.69	69.00	7,013.52		2,013.84	17.70	905.65	4,076.33	
Page	8,425.96	7,238.72	15.66	15,680.34	884.59	6,318.04		2,085.25	6,392.46	
Palo Alto	7,404.32	4,594.88	56.46	12,055.66	966.54	1,909.70		162.55	9,026.87	
Plymouth	2,273.29	7,741.09	269.50	10,283.88	3,693.18	2,253.35		1,827.43	2,509.92	
Pocahontas	6,136.61	8,898.66	1,506.51	16,541.78	4,198.63	1,632.93		2,497.23	8,212.99	
Polk	26,761.30	84,352.10	26,974.32	138,087.72	38,491.03	30,460.04	9.30	17,097.48	52,029.87	
Pottawattamie	5,347.07	14,770.38	9,752.88	29,870.33	9,300.84	11,254.02		1,743.33	7,567.14	
Poweshiek	4,252.37	19,527.80	79.96	23,860.13	10,405.23	6,513.52	2.90	2,233.32	4,700.16	
Ringgold	6,095.33	5,297.63	897.70	12,290.71	1,833.51	4,633.83		864.57	4,903.50	
Sac.	18,564.26	8,958.21	10,108.05	37,630.52	21,717.56	3,874.91		3,306.63	6,781.42	
Scott	40,958.70	20,596.51	94,595.84	156,151.05	123,240.27	557.69		1,275.56	32,077.53	
Shelby	1,923.29	5,789.77	4,427.13	12,145.19	4,498.88	351.46		2,440.27	4,864.58	
Sioux	5,436.04	9,700.25	95.00	15,231.29	628.32	1,614.85		2,693.79	10,094.33	
Story	4,840.89	8,914.84	1,040.76	14,796.49	3,724.66	5,059.54		2,272.51	3,739.78	
Tama	8,195.97	11,906.71	116.98	20,219.66	4,310.44	5,484.24		853.50	9,572.43	
Taylor	11,794.29	6,645.55	491.95	18,931.79	714.76	4,054.71		145.47	14,016.35	

Union	8,647.00	6,673.57	606.70	16,926.27	2,466.46	1,976.76	997.30	10,486.77
Van Buren.....	3,210.13	2,483.82	440.00	6,133.95	301.73	1,633.01	97.09	- 4,062.07
Wapello	4,924.69	12,400.32	3,503.65	20,918.66	8,249.73	8,130.87	68.25	4,419.76
Warren	1,468.76	10,205.01	7,253.79	18,927.56	7,121.91	4,392.96	386.64	7,026.05
Washington	906.56	6,308.07	684.52	7,896.14	26.30	5,397.63	1,551.46	922.75
Wayne	9,953.79	5,637.65	931.94	16,526.38	9,013.23	2,913.59	1,393.26	3,206.25
Webster	8,516.31	14,844.41	1,877.62	25,238.34	6,668.19	5,303.73	6,488.70	6,777.46
Winnebago	1,509.46	3,874.60	28.70	5,412.76	131.50	2,064.75	713.90	1,577.61
Winneshiek	2,649.81	6,539.51	1,188.30	10,377.62	190.15	5,001.72	1,331.94	3,845.11
Woodbury	9,385.18	56,641.63	743.48	66,770.29	29,464.04	19,842.19	4,169.97	13,288.53
Worth	2,091.34	3,582.40	41.00	5,714.74	1,467.65	1,000.88	450.34	2,795.87
Wright	1,513.06	4,535.39	196.99	6,245.43	2,045.86	1,187.46	483.19	2,528.92
Total	\$ 552,737.60	\$ 899,467.42	\$ 354,266.06	\$ 1,806,471.08	\$ 623,403.18	\$ 412,997.56	\$ 180,874.02	\$ 588,748.77

REPORT OF THE

ABSTRACT [B] REPORT FOR 1906—CONTINUED.

SCHOOL FINANCES.

Counties	Debit			Total debit or credit	Credit							On hand
	On hand at last report	Received from district tax	Received from school house fund and other source		Paid for fuel, rent, repairs, insurance and janitors	Paid secretaries and treasurers	Paid for records and apparatus	Paid for library books	Paid for free text books	Paid for general supplies	Paid for other sources	
Adair	7,497.54	17,334.67	1,575.24	26,407.45	11,225.88	1,384.65	87.07	38.50		1,059.37	609.23	12,122.81
Adams	6,632.73	11,645.01	317.70	18,595.50	6,851.22	1,067.74	100.03	0.29	116.82	1,640.54	2,012.92	6,775.54
Allemaque	5,420.65	12,117.39	851.57	18,389.61	6,735.77	1,145.57	344.25	16.53	44.47	994.69	1,365.22	7,743.12
Appanoose	9,177.63	16,207.77	1,347.26	25,732.66	11,969.35	1,351.75	32.55	67.75		643.16	1,411.77	11,331.05
Audubon	5,942.25	15,046.00	2,216.25	23,204.50	11,943.10	1,030.54	239.85	78.10	681.56	1,018.53	1,753.40	6,519.13
Benton	15,403.86	24,425.39	1,247.74	41,076.99	18,625.15	1,667.72	160.21	45.52	66.37	553.55	1,322.74	17,765.73
Black Hawk	11,760.30	39,053.81	918.39	51,732.50	26,957.62	1,425.42	45.99	101.50	63.09	3,195.30	5,844.83	14,719.34
Boone	6,330.74	23,612.84	3,323.86	33,267.44	17,775.48	2,014.74	120.29	103.41	141.97	577.11	6,008.55	10,077.95
Bremer	5,814.70	15,100.13	343.79	21,258.62	6,843.04	1,158.87	111.50	88.05		1,195.57	1,358.22	10,502.47
Buchanan	6,731.35	18,967.61	771.02	26,500.98	10,518.14	1,113.87	767.12	24.96	1.10	568.54	1,343.15	13,623.40
Buena Vista	8,370.92	30,781.20	1,748.73	40,890.85	10,250.95	1,293.25	567.10	282.46	743.09	1,539.60	5,300.91	10,870.49
Butler	12,333.76	13,504.68	522.86	31,361.30	12,745.42	1,600.79	400.16	21.40		565.69	1,109.33	14,903.71
Calhoun	4,838.58	25,142.39	1,704.41	31,745.38	15,312.46	1,830.56	501.46	142.54	430.41	2,139.23	1,409.56	9,929.18
Carroll	11,714.68	23,731.00	1,302.43	36,748.11	14,001.03	1,691.23	297.00	75.03		1,503.17	2,561.63	17,269.77
Cass	9,281.06	24,804.45	1,397.02	35,482.53	16,627.96	1,720.80	208.81			707.17	2,700.90	13,247.70
Cedar	11,223.27	18,639.05	1,849.57	31,711.89	12,157.30	1,709.90	319.97	242.30	14.86	870.17	2,034.22	14,303.12
Cerro Gordo	8,941.01	28,459.12	10,675.49	48,075.62	17,832.76	1,673.29	145.57	23.54	15.96	23.10	11,032.60	12,338.71
Cherokee	11,331.19	17,833.09	2,312.39	31,531.65	13,242.70	1,593.13	272.59	172.99		531.40	1,691.94	13,970.02
Chickasaw	4,229.17	12,700.54	2,701.77	19,631.48	9,629.08	1,113.36	55.11	13.49	13.74	292.37	3,022.92	6,461.01
Clarke	4,032.83	10,991.75	380.62	15,405.20	7,323.00	1,125.72	103.44	42.06		202.25	361.38	7,082.13
Clay	8,302.46	19,014.22	579.41	27,966.09	10,442.19	1,053.69	334.96	107.05	56.06	1,323.00	2,047.33	11,090.31
Clayton	9,087.25	30,489.50	1,513.32	41,090.07	11,224.34	1,677.87	943.54	176.80	6.00	3,104.24	1,665.98	13,791.51
Clinton	10,847.57	41,773.45	2,974.69	55,595.71	24,945.95	2,617.18	345.73	75.07	1,423.11	1,320.51	3,022.77	16,900.59
Crawford	7,806.42	39,303.55	5,804.22	48,409.19	17,833.81	1,843.58	551.91	40.00		4,607.52	7,459.61	16,813.74

Dallas	10,548.80	23,681.68	5,186.88	89,416.86	15,379.82	1,523.70	260.03	100.76	29.52	2,294.87	7,496.81	12,882.85
Davis	2,004.75	9,718.53	8,464.49	15,182.77	4,507.56	1,098.17	83.63	11.75	.....	62.46	5,609.57	8,809.68
Decatur	4,450.84	13,000.65	882.88	18,334.87	8,319.25	1,208.21	57.23	41.12	.....	514.27	2,739.65	5,454.64
Delaware	9,519.65	16,829.59	453.79	26,803.03	9,531.37	1,293.85	779.21	55.82	11.00	389.75	3,857.87	10,885.16
Des Moines	4,681.37	28,177.85	1,181.12	84,040.84	22,216.83	1,172.86	268.93	55.49	40.14	1,617.14	284.40	8,409.55
Dickinson	3,281.24	12,744.65	1,143.43	17,169.82	7,532.19	813.49	188.35	46.26	6.75	260.16	2,243.88	6,078.74
Dubuque	4,801.73	34,859.62	1,079.22	40,740.57	24,976.09	3,819.08	970.85	185.75	.....	1,400.95	3,412.78	5,975.07
Emmet	3,415.91	14,180.43	1,094.98	18,691.82	6,897.70	742.59	75.24	59.88	95.89	464.49	4,884.18	5,521.85
Fayette	13,326.24	24,897.03	873.86	39,096.63	16,325.31	1,789.61	366.03	231.83	29.03	1,233.53	1,189.64	17,981.65
Floyd	6,989.54	19,820.14	2,486.08	29,305.74	11,048.82	864.07	383.61	23.75	1.25	686.50	6,361.63	9,986.11
Franklin	8,544.79	15,795.57	2,560.03	26,900.39	10,585.82	1,532.50	534.44	3.62	5.20	398.65	3,915.15	9,925.01
Fremont	9,460.41	18,130.77	1,583.78	29,174.96	12,093.69	1,230.49	463.48	285.11	96.85	418.65	1,526.01	13,000.68
Greene	10,398.78	16,744.08	3,619.35	30,762.21	12,599.56	1,494.76	787.03	27.12	83.75	2,999.70	1,854.37	10,915.92
Grundy	7,505.12	14,621.93	473.22	22,600.27	8,631.49	1,236.67	232.86	36.56	.....	167.82	1,841.48	10,453.39
Guthrie	10,380.91	22,012.64	1,721.07	34,114.62	14,184.08	1,362.05	59.37	20.26	2.78	1,147.19	3,489.31	13,849.53
Hamilton	11,807.95	20,197.13	2,066.76	34,091.84	10,778.18	1,394.39	144.80	15.84	.....	1,575.91	3,973.08	16,209.64
Hancock	11,405.70	19,057.00	1,533.28	31,995.98	11,601.33	1,298.73	501.80	71.02	565.60	1,804.00	2,866.34	13,287.16
Hardin	12,371.40	26,620.28	1,231.83	40,223.51	15,196.66	1,676.97	193.58	165.50	15.49	2,392.02	2,337.39	18,243.90
Harrison	11,322.22	29,307.36	1,984.68	42,614.26	17,828.10	1,593.62	147.38	80.90	567.09	1,104.89	2,323.74	18,978.54
Henry	6,698.22	13,692.31	759.32	21,149.85	9,360.77	1,278.13	95.49	123.22	6.28	314.07	1,004.65	8,967.24
Howard	4,912.40	12,287.88	537.13	17,737.41	8,923.92	762.58	76.30	38.66	3.45	223.83	948.90	6,759.77
Humboldt	4,988.49	14,135.39	1,262.53	20,386.41	6,508.36	927.28	138.02	68.60	5.76	514.66	2,606.39	9,618.84
Ida	7,184.96	15,004.74	447.93	22,637.63	9,638.00	1,400.48	186.94	41.93	.....	85.82	1,946.16	9,338.30
Iowa	10,117.65	17,479.00	3,885.89	31,492.04	11,256.51	1,705.10	1,129.27	155.31	.....	925.79	4,540.43	11,769.63
Jackson	11,649.13	19,196.93	1,158.74	32,004.80	10,857.89	1,649.60	166.18	158.65	62.06	2,133.17	3,618.95	13,358.27
Jasper	11,227.87	27,230.04	1,484.20	39,942.11	14,370.39	2,031.93	337.99	200.07	99.41	1,434.39	6,482.38	14,985.55
Jefferson	4,683.42	11,474.97	296.20	16,454.59	5,967.68	1,019.29	65.21	62.68	.....	538.11	1,751.17	7,050.45
Johnson	8,111.11	25,148.08	4,533.82	37,809.01	16,978.97	1,876.03	290.01	127.79	.....	3,371.90	4,823.17	10,341.14
Jones	10,384.10	17,834.75	2,751.60	30,970.45	11,211.97	1,225.95	98.66	94.72	.....	1,469.13	5,298.60	11,571.42
Keokuk	11,728.45	18,364.22	3,451.64	33,544.31	14,762.39	2,011.68	553.04	87.15	.....	439.23	2,789.49	12,901.33
Kossuth	12,927.42	29,260.85	1,725.36	43,913.63	18,956.09	1,878.82	695.82	153.69	142.82	640.92	4,236.71	17,208.76
Lee	4,009.63	28,039.09	18,569.33	50,618.05	16,039.14	1,299.15	135.45	102.34	23.08	1,257.64	22,872.06	8,889.19
Linn	9,636.46	65,939.83	1,971.77	77,548.06	30,208.48	2,906.87	370.35	202.05	1,342.34	5,369.35	23,467.64	18,620.98
Louisa	5,876.76	12,585.51	1,987.50	20,449.77	6,449.47	924.99	315.56	136.08	.....	585.98	3,420.73	8,616.96
Lucas	4,081.51	13,384.35	457.67	17,923.53	7,355.94	1,179.54	208.90	123.79	157.98	293.61	1,084.58	7,519.19
Lyon	11,807.01	18,691.88	1,550.00	32,048.89	15,023.79	1,861.71	406.54	25.80	.....	886.88	1,822.80	12,521.37

Tama	14,333.14	29,817.06	1,420.49	44,029.09	15,467.59	2,480.83	632.87	204.41	1,478.20	797.50	2,802.51	30,043.15
Taylor	8,449.96	15,237.71	452.74	24,131.40	9,071.45	1,190.83	279.79	116.47		694.42	1,037.96	10,602.46
Union	5,034.20	19,020.39	2,775.37	20,960.58	9,377.74	1,141.01	607.18	24.03		8,768.24	4,251.53	7,719.74
Van Buren	5,304.31	12,614.27	277.77	18,136.35	7,278.07	1,066.61	46.00	38.44		336.68	1,072.59	3,367.93
Wapello	5,470.30	34,065.66	746.90	41,208.85	20,132.92	1,467.98	558.12	21.25	8.05	2,050.64	9,015.17	7,045.72
Warren	11,650.79	20,532.66	676.77	33,090.22	11,132.87	1,409.02	177.66	193.13		1,312.42	1,290.24	17,600.89
Washington	6,735.07	13,372.80	578.96	25,680.22	11,005.64	1,407.00	362.84	984.18	61.69	275.30	1,949.35	9,333.51
Wayne	7,161.33	13,053.71	1,337.24	21,567.33	8,308.94	1,034.16	15.13	30.00		1,101.46	3,385.17	7,092.47
Webster	10,914.67	29,025.55	688.20	40,028.42	19,389.41	2,090.26	497.53	13.35	16.04	1,493.75	2,777.86	14,849.45
Winnebago	5,875.04	13,443.62	2,879.72	22,190.18	8,468.95	950.90	416.16	256.84	33.96	1,078.55	4,231.55	6,126.26
Winneshiek	5,149.19	17,737.64	949.94	23,836.67	12,124.60	1,331.20	72.29	113.27	15.34	690.43	1,803.53	8,635.37
Woodbury	12,876.51	77,819.69	2,555.83	93,232.33	51,910.01	2,594.73	466.12	755.83	2,366	2,410.94	3,710.24	31,108.73
Worth	4,447.08	11,117.60	983.10	16,417.96	6,365.60	631.21	108.61		1,032.63	225.63	1,447.86	6,735.01
Wright	12,523.45	25,371.91	1,746.36	30,716.72	16,520.44	1,340.33	151.29	55.60		1,348.24	3,403.94	10,398.69
Totals	\$ 576,705.65	\$2,303,437.26	\$ 215,547.60	\$3,394,840.51	\$1,394,104.01	\$ 152,504.32	\$ 24,355.77	\$ 11,854.67	\$ 36,363.75	\$ 134,105.21	\$ 305,472.63	\$1,246,031.20

ABSTRACT [C] REPORT EXAMINATION

Counties	First Grade Certificates Issued		Second Grade Certificates Issued		Third Grade Certificates Issued		Special Certificates Issued		Kindergarten Certificates Issued		Total Number Issued	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Adair	2	8	2	23	10	51					14	83
Adams	5	18	20	108							25	124
Allamakee	1	4	3	18	2	15		2			6	39
Appanoose	1	2	5	35	7	31					13	68
Audubon	2	8	18	83	10	56					20	147
Benton	8	38	14	59							22	97
Black Hawk		15	8	82				4		3	6	104
Boone	6	21	13	73	18	94	1	1			36	180
Bremer	2	8	11	58							13	66
Buchanan	1	11	1	26		1	1	1			3	39
Buena Vista	1	10	3	88		18					2	64
Butler	2	8	15	61							17	69
Cathoun	3	15	9	71	4	22					16	108
Carroll	4	18	12	60	10	19		5			29	100
Cass	5	44	17	178	5	32		1			27	255
Cedar	5	22	12	101	1	5		6			19	123
Cerro Gordo	5	25	18	152	8	48	2	12			33	237
Cherokee	5	21	15	80	2	23					27	124
Chickasaw	1	9	10	30	10	35		15			21	89
Clarke	1	8	3	25	12	33					16	68
Clay		13	6	58	1	11					7	82
Clayton	4	7	17	60	1	27					23	54
Clinton	2	12	5	63	5	129	2	6			14	210
Crawford	3	17	5	33	4	29		1			12	80
Dallas		13	6	59	2	28		4			8	104
Davis	2	2	10	28	9	34					21	64
Decatur	4	14	6	33	9	36		2			18	85
Delaware		14	4	20	1	10		1			5	45
Des Moines	2	6	8	117			1			2	11	123
Dickinson		2		29				1				22
Dubuque		4		20		1						35
Emmet	1	1	2	29	8	28		2			6	60
Fayette		7	6	39	1	19	12	9			21	64
Floyd	2	12	4	75			2	3			8	90
Franklin	1	9	8	83	8	53	3	3			19	98
Fremont	2	26	11	109	6	66					19	201
Greene	2	20	18	107	9	35		6			24	157
Grundy	3	14	25	169							28	183
Guthrie	8	8	9	25	5	56					22	89
Hamilton	1		6	39	5	39					14	76
Hancock	9	8	12	82	8	43		2			25	136
Hardin		4	7	75	6	19		3			13	101
Harrison	3	25	8	63							11	93
Henry	5	37	25	106	3	6		4		2	34	155
Howard		19	4	69	5	81		5			9	124
Humboldt		2	3	23	4	16		3			7	53

FOR 1906—CONTINUED.
OF TEACHERS.

Applicants Rejected		Applicants Examined		Different Persons Licensed		No. Certificates Revoked		Average Age of Applicants		No Experience in Teaching		Taught Less Than One Year		Number Holding State Licenses		Number Who are Members of Reading circle	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0	11	20	93	14	72			23.	21.	4	16	5	17	5	6		
6	47	30	171	20	91			27.	22.	7	23	15	48	3	3		
4	29	10	68	2	43			20.	19.	1	8	2	14	1		5	20
3	20	16	88	18	64			28.	23.	3	17	5	40	5	3		
2	22	32	169	25	103			26.5	21.5	7	31	5	20	2		5	16
12	40	34	137	22	97			25.	22.	8	15	6	30	8	9		
	50	8	154	7	152			25.	23.	5	42	4	40	4	70		2
3	24	39	213	32	201			26.	23.	4	15	13	58	1	29		
	9	13	75	13	66			23.	20.	6	17	10	31	1	6		
	1	3	40	3	30			23.	22.	1	10		3	4	28		
	6	2	70	2	41			21.	20.	1	26	1	32	6	23	1	4
6	42	23	111	17	63			21.	20.	3	15	2	13	7	24		
1	9	17	117	16	108			28.	24.	1	12	4	22	8	11	4	130
1	6	27	108	24	100			27.	22.	1	10	6	20	8	5	5	27
1	25	23	290	14	193			23.	22.	3	18	3	20	5	5		
1	27	19	160	18	126			24.	20.	7	30	1	15	4	16		
6	23	39	265	20	219			23.	22.	9	55	10	28	8	18		21
7	40	29	164	20	106			23.4	23.4	5	18	2	9	6	14		
20	36	41	125	25	106			19.	21.	10	65	15	75	4	10		15
2	4	18	70	15	63			23.	22.	6	8	6	36	1	2		
2	13	9	95	0	78			20.	19.	3	32	2	20	4	2	17	81
	4	22	98	20	67			29.	24.	1	16	1	23	1	2		25
3	60	17	270	14	184			30.	24.	3	50	1	20	7	11	3	170
4	17	16	97	11	87			33.	20.	4	11	3	20	4	12	3	126
	15	8	119	8	91			23.	19.	2	23	4	39	6	17		
4	18	25	82	12	40			25.	21.	4	13	4	6	1	3	2	19
	1	13	86	17	80			22.	23.	2	10	5	30				
	8	5	58	5	45			27.	23.	1	8	1	17	3	3	1	19
	14	11	139	11	119			30.	25.	4	25	4	33	9	37		
	4		30		32				21.5		10		10	5	2		
	7		42		35				19.		1		25		5		
	6	6	65	5	58			24.	21.	1	3	4	23	1	19		
1	30	32	84	21	64			27.	24.	12	29		5	3	13	8	26
1	41	9	131	6	89			26.	21.	1	13	2	23	7	13		60
4	9	23	107	17	89			24.	22.	3	27	6	57	6	10		26
2	24	31	225	17	200			21.	22.	5	42	5	30	5	7	8	32
8	58	37	210	19	145			22.	21.6	9	30	3	23	3	9		
2	10	30	193	23	137			23.	21.	9	32	9	47	2	6		4
1	2	23	91	20	85			24.	23.	3	31	7	50	6	8		
2	13	17	91	14	78			20.	19.	8	29			5	6		
3	19	31	154	24	117			24	23.	5	21	6	27	6	3	25	100
2	8	16	109	11	89			25.	22.	6	17	10	49	11	20	15	176
3	31	14	124	14	120			24.	20.	3	12	5	15	9	22	5	45
12	61	46	206	29	133			24.3	23.4	14	34	10	22	3			
3	20	11	154	8	105			20.	24.	1	20	4	44	2	6		19
	15	7	68	7	50			23.	23.	4	10	5	16	5	7		

REPORT OF THE

EXAMINATION OF

Counties	First Grade Certificates Issued		Second Grade Certificates Issued		Third Grade Certificates Issued		Special Certificates Issued		Kindergarten Certificates Issued		Total Number Issued	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Ida	4	22	6	50	8	24					18	98
Iowa	2	8	22	45	17	56					61	108
Jackson	5	22	4	64	10	60					19	148
Jasper	1	8	19	71				1			20	78
Jefferson	2	10	7	82	7	52		1			16	145
Johnson		2	24	128			2				26	140
Jones	1	5	8	24				2			9	41
Keokuk	5	12	24	90							29	102
Kossuth	1	19	16	123	20	76	4	32			41	250
Lee	1	4	4	74		20	2	5			7	103
Linn	3	13	15	76			4	10			22	96
Louisa	2	20	7	50	33	73					43	143
Lucas		10	2	32	9	76					11	119
Lyon	4	8	11	22	6	16	1	5			22	50
Madison	5	8	9	59	3	10		1			17	73
Mahaska	1	3	8	15	15	108		1			24	127
Marion	2	5	4	15	10	28		3		1	16	62
Marshall		4	9	50	2	34		4			11	62
Mills	2	6	9	18	4	30		2			15	56
Mitchell	2	4	2	40				1			4	45
Monona		4	2	9		12					2	25
Monroe	2	8	9	45	8	25	1				20	66
Montgomery	2	15		26	6	33					8	84
Muscataine	1	32	2	45	9	65					13	143
O'Brien		10	6	41	4	37					10	86
Osceola	1	9	7	71	4	23		1			12	109
Page		8	1	50	4	86		4			5	148
Palo Alto		12	6	67		35		1			6	115
Plymouth	1	2	1	7		1					2	10
Pocahontas	4	22	6	34	2	13					12	60
Polk	6	63	21	138			21	99		26	48	358
Pottawattamie	5	88	5	160						14	11	262
Poweshiek	5	31	15	64	16	40		3			26	139
Ringgold		10	7	20	2	12					10	42
Sac	5	43	10	70	3	75					18	188
Scott	1		3	70				7			4	77
Shelby	3	17	13	38				1			16	56
Sioux	1	6	9	37	8	42		3		1	18	89
Story	2	2	6	120							8	122
Tama	5	23	9	167				2			17	187
Taylor	5	37	7	81	13	90					23	203
Union	1	25	5	49	1	45	1	4		1	8	124
Van Buren	1	2	4	15	7	23					12	50
Wapello		4	7	53	2	49	1	7			10	112
Warren	12	30	12	120	7	39		4			31	193
Washington	2	11	19	139				1			21	151
Wayne	10	11	16	95	4	21					30	125
Webster	1	19	9	59	4	23		3			14	107
Winnebago	2	12	1	55	1	14					4	51
Winneshiek	4	7	15	125	4	20		2			23	180
Woodbury	4	20	3	36							7	98
Worth	2	9	21	46							23	65
Wright	1	9	8	69	14	24		3			28	115
Total	249	1420	208	6224	455	2754	50	313			1002	10673

TEACHERS—CONTINUED.

Applicants Rejected		Applicants Examined		Different Persons Licensed		No Certificates Revoked		Average Age of Applicants		No Experience in Teaching		Taught Less Than One Year		Number Holding State Licenses		Number Who are Members of Reading Circle	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
3	14	13	98	9	84			27.	20.	1	10	3	15	4	3		
		44	123	30	83					8	14	8	25	4	6	14	28
1	1	30	147	30	145	1		26.	23.	3	29	2	31	5	2	70	
7	90	27	163	20	71			23.	25.	11	30	1	8	6	16		
1	18	17	163	13	138			22.	22.5	3	20	5	37	3	6		
3	9	28	149	26	140			22.	23.	5	32	12	38	4	7		
4	10	13	51	9	41			23.	23.	4	16	3	3				3
	20	29	122	16	91			27.		6	19	6	11	12	5		
12	67	53	317	31	196		1		22.	17	46	10	74	7	23	1	15
	4	7	107	7	103			41.	23.		9		12	4	2		
9	10	31	108	20	95			25.	20.	4	10	6	30	13	42	1	8
5	25	48	168	36	127			22.	21.	24	51	12	37	3	5		
8	36	19	155	6	112			30.	22.	2	15	3	10			4	61
1	6	23	56	20	45			24.	22.					2	9		
2	10	19	88	17	74			32.	27.	2	6	2	10	3	7	12	50
6	34	30	161	17	78			25.	22.	5	20	3	16	3	12		
6	31	22	83	14	50			23.	22.	7	13	8	5	3	9		
5	47	16	139	11	78			25.	22.	1	23	2	18	10	37	3	75
1	16	16	72	13	46			31.	22.	2	12	8	34	2	6		
	4	4	49	4	46			26.6	25.	2				2	2		75
	2	2	35	2	34			29.	21.		8	1	5	3	11		
11	48	31	136	22	101			25.	23.	7	16	3	16		7	4	57
		8	84	8	84			30.	10.	4	23	6	33	2	23		
	13	13	143	13	139			22.	26.	2	18	4	26	4	7		
1	6	11	94	10	84			32.	21.		9	5	44	5	29		1
3	23	15	132	10	92			27.	24.	3	24	1	17	2	6	5	25
7	31	12	229	7	108			22.	22.	2	29	1	45	11	19	5	87
	95	6	210	6	95			20.	22.		37		20	4	9		
2	11	4	21	2	10			25.	22.		1		2	3	9	4	22
3	12	16	81	11	67			24.	21.	3	12	6	27	6	7	25	38
3	51	56	339	51	351			30	28.	12	77	9	54	13	73	10	234
2	105	13	367	8	120			34.		2	40	5	60			6	240
10	89	45	177	28	136			23.	23.	15	33	7	16	4	15		
3	10	13	52	10	42			24.	20.	2	10	4	20	5	2		24
12	72	30	260	6	152			30.	23.	5	16	4	10	7	12		
	8	4	35	4	77			41	26.	1	33	1	3	10	1	5	15
1	11	17	67	16	69	1		22.	21.	6	20	10	20	7	8	10	90
3	10	21	99	16	88		1	22.	20.	8	23	1	18	6	8	11	126
2	10	10	132	10	90	1		20.	21.	5	20	5	60	7	10		
3	26	20	213	17	137			31.	25.	1	21	3		7	9	7	133
3	20	23	223	20	149			29.	23.	4	24	1	13	3	9		
	10	8	134	8	124			27.	24.	3	35	4	43	3	3	5	63
	3	12	53	12	60			24.	22.	5	11	7	28	5	2	3	6
2	55	12	169	10	110			27.7	22.7		10	4	18	3	20	5	43
4	13	35	206	26	207					7	29	4	31	5	6	2	7
12	30	33	190	17	129			24	22.	4	20	7	29	7	13	2	23
1		31	128	27	115			27.	22.5	5	15	3	30	4	3	8	67
4	77	18	134	18	96			26.	22.	3	17	3	21	10	22		
	4	4	65	4	75			23.5	20.9	3	16	2	41	2	5	1	7
10	70	33	250	22	136			25.	21.	2	20	7	39	5	11	10	62
2	11	9	69	7	58			20	19.	6	40		10			2	5
4	10	27	65	20	45			23.	22.	9	14	3	9	2	2	10	40
	3	23	118	21	102			21.	23.	12	30	13	60	7	17		
319	2344	1981	12317	1477	9754	3	2	25.	23.	449	2153	445	2565	457	1122	351	2902

REPORT OF THE

ABSTRACT [D]

EDUCATIONAL MEETINGS, SCHOOL VISITATION, APPEALS, ETC.

Counties	Educational Meetings				School Visitation	Compensation and Expenses		
	County association	Township meeting	Educational meetings held	School officers meetings	Number of school-rooms visited since last report	Number of different visits made by county superintendent	Amount received by county superintendent from October 1, 1905, to June 30, 1906	Amount paid by county to assistants from Oct 1, 1905, to June 30, 1906
Adair	Yes	Yes	12		77	80	1,042.00	42.50
Adams	No	Yes	5		85	95	833.00	
Allamakee				1	90	94	937.50	55.00
Appanoose	Yes	Yes	6		58	56	937.52	13.40
Audubon	Yes	No	1		39	45	937.51	
Benton	No	No	2				937.41	10.00
Black Hawk	No	Yes	14		125	124	937.50	262.50
Boone	Yes	No	2		171	149	938.00	113.50
Bremer	Yes	Yes	4		117	141	938.00	
Buchanan	No	No			196	225	937.52	75.00
Buena Vista	Yes	Yes	2		60	66	808.28	
Butler	Yes	No	4		171	190	937.50	18.00
Calhoun	Yes	No	2		145	156	937.50	48.00
Carroll	Yes	No	14		65	78	937.53	23.00
Cass	Yes	Yes	6		30	40	938.00	
Cedar	Yes	No	4	1	79	79	937.44	
Cerro Gordo	Yes	No	2		103	124	937.50	270.00
Cherokee	Yes	No	11	1	151	151	937.52	366.02
Chickasaw	Yes	Yes	5				937.50	
Clarke	Yes	Yes	2		80	85	834.00	
Clay	Yes	No	2		160	170	937.50	
Clayton	No	No	3	1	210	225	1,250.00	
Clinton	Yes	Yes	11	7	171	197	940.00	270.00
Crawford	Yes	Yes	9		103	103	938.00	
Dallas	No	Yes	22		225	270	937.50	75.00
Davis	Yes	Yes	22	1	95	110	937.60	
Decatur	No	No	2		70	80	938.00	
Delaware	Yes	No	3		90	95	833.30	
Des Moines	No	No			51	52	937.52	
Dickinson	No	No	3		91	112	937.50	
Dubuque	No	Yes	17		138	140	936.00	360.00
Emmet	Yes	No			109	305	937.50	
Fayette	Yes	Yes	24		216	227	937.45	102.22
Floyd	No	No	3		155		938.00	3.15
Franklin	No	Yes	8		108	110	1,042.00	8.00
Fremont	No	No	1		101	101	937.50	
Greene	Yes	Yes	10		111	120	937.00	
Grundy	No	No	1		95	95	937.49	
Guthrie	Yes	Yes	9		110	120	937.50	
Hamilton	No	Yes	4		92		937.50	300.87
Hancock	No	Yes	21	4	144	147	938.00	120.75
Hardin	Yes	Yes	10		165	220	935.00	74.50
Harrison	No	No	6		115	110	834.00	62.25
Henry	Yes	Yes	14		87	96	938.00	
Howard	No	Yes	6		112	200	937.52	
Humboldt	Yes	No	2		104	180	937.00	
Ida	Yes	Yes	17		180	180	937.00	
Iowa	No	Yes	12	1	94	94	938.00	

SUPERINTENDENT OF PUBLIC INSTRUCTION

99

EDUCATIONAL MEETINGS, ETC.—CONTINUED.

Counties	Educational Meetings		Educational meetings held	School officers' meetings	Number of appeals decided since last report	School Visitation		Compensation and Expenses		
	County associations	Township meetings				Number of school-rooms visited since last report	Number different visits made by county superintendent	Amount received by county superintendent from October 1, 1905, to June 30, 1906	Amount paid by county to assistants from Oct. 1, 1905, to June 30, 1906	Amount of traveling expenses paid by county from Oct. 1, 1905, to June 30, 1906
Adams	No	No	4					937.50	12.00	45.00
Albany	No	Yes	30		1	152	167	938.00	270.00	85.00
Albany	Yes	No	3			125	137	932.00		
Albany	Yes	Yes	28	1		89	89	937.52	46.00	
Albany	Yes	No	3			84	26	838.00	7.50	
Albany	Yes	Yes	22			76	92	938.00		
Albany	Yes	Yes	30	25		266	401	849.00		
Albany	No	No	1			134	159	938.00		
Albany	Yes	No						937.50	180.00	
Albany	No	No	3			56	70	938.00		
Albany	Yes	No	2			53	53	929.00	8.00	
Albany	Yes	No	9			73	85	938.00		
Albany	Yes	Yes	10	1		170	260	937.50		15.00
Albany	No	No	3			50	50	937.53	50.00	
Albany	Yes	Yes	3			80	80	927.50		
Albany	No	No	1			150	150	937.53		
Albany	Yes	No	3			55	60	38.00		21.54
Albany	No	Yes	27			130	155	937.50	50.00	
Albany	Yes	Yes	5	2		196	200	937.50	150.00	
Albany	Yes	Yes	6			80	75	833.26	39.00	
Albany	No	No	1			130	125	938.00		44.21
Albany	Yes	No	4			119	222	936.00		32.10
Albany	Yes	No	2		1	136	206	937.53	3.00	
Albany	Yes	No	5	2		84	103	832.00	14.00	
Albany	Yes	Yes	9			123	130	937.50	249.00	25.55
Albany	Yes	No	3		3	50	50	936.00	95.00	20.10
Albany	Yes	No	3			123	123	937.44		29.50
Albany	No	No				71	71	938.00		21.70
Albany	Yes	No	5	1		171	127	1,500.00		75.00
Albany	No	No	5	1		120	150	1,250.00	450.00	100.00
Albany	No	Yes	12			71	71	937.44		13.37
Albany	No	No	2			100	100	832.00	20.00	
Albany	Yes	No	1			160		937.50	125.00	125.00
Albany	Yes	No	2	1		161	121	1,027.50	39.00	19.87
Albany	Yes	Yes	50			125	125	937.50	200.00	75.00
Albany	Yes	No	3			25	30	1,114.50		23.00
Albany	Yes		8			250	300	938.00		5.00
Albany	No	Yes	18			106	120	937.52	240.00	
Albany	Yes	No	4			70	74	937.50	74.70	
Albany	Yes	Yes	14	11		160	183	937.45	40.00	19.50
Albany	Yes	No	2			35	35	1,041.00		21.20
Albany	No	No	9			108	111	938.00	300.00	
Albany	No	No	4	1		123	150	937.44		1.00
Albany	No	Yes	8	1		138	162	938.00	10.00	
Albany	Yes	No	2			175	234			
Albany	Yes	No	1	4		87	98	937.53	238.00	23.22
Albany	Yes	No	2	1	1		165	937.50		
Albany	No	No	18				85	937.50		
Albany	Yes	Yes	8			64	77	1,162.44		11.50
Albany	Yes	Yes	10			112	172	937.44		12.50
Albany	Yes	Yes	30			173	358	937.50		
Total			827	87	11	10,262	12,508	\$ 91,800.50	\$ 5,516.31	\$ 1,281.80

REPORT OF THE

ABSTRACT [D]—CONTINUED.

SUMMARY SUPERINTENDENT'S WORK, 1906.

Counties	Schoolrooms visited	Separate visits to school	Teachers necessary	Applicants examined	Certificates granted	Counties	Schoolrooms visited	Separate visits to school	Teachers necessary	Applicants examined	Certificates granted
Adair	77	80	171	118	86	Johnson	89	89	229	177	186
Adams	85	96	139	201	111	Jones	34	36	189	64	50
Allamakee	90	94	156	78	43	Keokuk	76	92	200	151	107
Appanoose	56	56	215	104	77	Kossuth	265	401	277	370	227
Audubon	59	45	183	201	128	Lee	134	159	223	114	110
Benton			243	161	110	Linn			402	129	113
Black Hawk	126	134	263	102	159	Louisa	66	70	122	216	168
Boone	171	149	231	252	233	Lucas	53	53	130	174	118
Bremer	117	141	144	88	79	Lyon	73	65	172	79	66
Buchanan	198	225	198	43	42	Madison	170	200	173	107	61
Buena Vista	60	65	170	72	43	Mahaska	80	80	200	105	64
Butler	171	190	191	134	80	Marion	50	50	236	191	92
Calhoun	145	156	202	134	124	Marshall	150	150	245	156	88
Carroll	65	78	183	133	124	Mills	55	60	132	78	68
Case	80	40		318	207	Mitchell	130	155	139	53	49
Cedar	79	79	180	179	144	Monona	195	200	202	27	25
Cerro Gordo	103	134	212	304	248	Monroe	60	75	149	167	123
Cherokee	151	151	184	193	126	Montgomery	130	125	165	92	92
Chickasaw			160	291	150	Muscatine	119	222	300	161	132
Clarke	80	85	182	88	78	O'Brien	136	205	200	105	64
Clay	160	170	165	100	84	Osceola	64	103	114	147	102
Clayton	210	225	240	120	87	Page	123	130	205	241	115
Clinton	171	197	837	287	196	Palo Alto	60	50	167	278	103
Crawford	103	103	225	113	78	Plymouth	123	123	227	25	12
Dallas	235	270	225	127	69	Pocahontas	71	71	176	95	76
Davis	95	110	125	107	62	Polk	171	137	648	445	402
Decatur	70	60	166	104	87	Pottawattamie	120	150	450	380	129
Delaware	90	95	175	58	54	Poweshiek	71	71	190	223	165
Des Moines	51	52	219	160	130	Ringgold	100	100	156	65	29
Dickinson	91	112	102	36	32	Sac	160	130	190	200	160
Dubuque	136	140	265	42	35	Scott	161	121	342	89	91
Emmet	109	305	114	72	63	Shelby	125	125	183	64	85
Fayette	216	227	253	106	65	Sioux	25	30	236	120	104
Floyd	166	166	169	140	96	Story	250	300	226	242	107
Franklin	108	110	179	130	106	Tama	105	120	240	232	204
Fremont	101	101	181	246	217	Taylor	70	74	178	256	169
Greene	111	120	183	237	164	Union	160	183	171	142	139
Grundy	95	96	156	223	159	Van Buren	35	35	151	65	69
Guthrie	110	120	202	114	105	Wapello	106	111	256	180	120
Hamilton	92	90	187	108	92	Warren	123	150	185	241	123
Hancock	144	147	171	183	141	Washington	138	162	183	223	146
Hardin	165	220	216	135	100	Wayne	175	234	169	259	143
Harrison	115	110	235	138	134	Webster	87	98	263	202	109
Henry	87	96	163	252	167	Winnebago	100	165	125	89	79
Howard	112	200	183	165	113	Winneshiek	80	85	187	283	139
Humboldt	104	16	144	75	57	Woodbury	84	77	404	75	66
Ida	160	160	140	109	93	Worth	112	172	112	92	66
Iowa	94	94	199	167	118	Wright	173	258	208	141	124
Jackson			203	167	165	Total	10852	12569	19729	15566	1124
Jasper	152	168	251	195	91						
Jefferson	125	137	129	180	151						

ABSTRACT [D]—CONTINUED.

BUILDINGS AND GROUNDS.

Districts	Schoolhouses and Sites						Trees		
	Good	Fair	Poor	Total	New schoolhouses built during year	Number without suitable and separate out buildings	Number supplied with flags	Number of school sites having thrifty planted trees	Number planted trees in thrifty condition on school sites
Adams	77	56	13	146	2	5			
Albany	93	15	4	112	1			85	1,508
Albany	104	28	1	133	1	2	80	120	
Albany	77	25	30	132	5		14	65	1,321
Albany	84	23	4	111	2		50	61	1,519
Albany	143	41	4	187		10	113	184	3,950
Albany	63	54	41	158	3	17	49	122	2,712
Albany	40	109	8	157	1		135	74	2,720
Albany	64	14	4	112	1	1		110	1,894
Albany	100	47	3	150		20	50	100	75
Albany	80	30	31	141	4	40	25	75	750
Albany	80	61	6	147			73	132	2,701
Albany	75	60	14	149		5	41	115	1,533
Albany	80	50	13	143			140	120	2,515
Albany	79	64	11	154	1		6	33	3,615
Albany	114	27	4	145	2	10	40	130	2,500
Albany	64	50	4	118	1	6	105	117	2,342
Albany	110	26	8	144		6		120	2,395
Albany	105	2	15	122	2	10	75	75	
Albany	10	83	15	108			16	85	600
Albany	103	26	4	133		1	20	87	1,400
Albany	168	8	5	181	2	20	30	150	2,500
Albany	129	50	7	186	2	8	171	181	3,302
Albany	163	14	3	180	2	8	36	148	3,321
Albany	113	25	14	152	4		66	140	3,755
Albany	43	39	21	103	1		7		
Albany	46	74	3	123	2	2	8	40	500
Albany	129	14	2	145		2	122	140	1,350
Albany	78	13	3	94	2		50	90	1,800
Albany	70	5	4	80	1	3		49	1,308
Albany	50	50	50	150	1	30	85	140	1,521
Albany	66	12	7	85		1	47	64	1,521
Albany	97	85	9	191	1	3	175	180	2,780
Albany	60	46	18	124		5	95	98	1,790
Albany	116	20	5	141	2	2	43	105	1,500
Albany	110	14	5	130			32	120	2,650
Albany	98	33	10	141	1		30	127	2,363
Albany	22	95	11	128		35	91	120	2,402
Albany	53	80	21	154			30	70	2,010
Albany	73	41	30	144	1		84		927
Albany	80	37	8	125	2		65	119	2,165
Albany	85	38	25	148			130	140	3,311
Albany	90	50	22	162		50		155	2,900
Albany	70	34	5	109				108	2,000
Albany	74	25	5	104			70	75	1,000
Albany	14	98		112	1		4	94	2,581
Albany	60	41	6	107					
Albany	65	54	24	143	1	4	27	124	2,213

REPORT OF THE

BUILDINGS AND GROUND—CONTINUED.

Counties	Schoolhouses and Sites						Trees		
	Good	Fair	Poor	Total	New schoolhouses built during year	Number without suitable and separate out buildings	Number supplied with flags	Number of school sites having thrifty planted trees	Number planted trees in thrifty condition on school sites
Jackson	80	87	8	165			147		1,847
Jasper	124	50	18	192	5		81	145	3,550
Jefferson	88	51	12	151	3	10	52	85	1,438
Johnson	145	23	4	172	2	2		128	3,730
Jones	74	58	7	139	3	24	90	108	1,888
Keokuk	97	43	5	145			80	106	1,373
Kossuth	108		01	230		77		175	1,782
Lee	59	45	20	124		12	60	108	2,000
Linn	174	23	9	206	4		130		
Louisa	56	27	8	90	3	5	51	80	800
Lucas	72	23	3	98	2		44	85	2,445
Lyon	83	84	21	188	2		24	116	2,519
Madison	75	25	43	143	2		75	125	2,804
Mahaska	106	37	16	159	3		75		
Marion	74	60	17	151	2		40	91	2,052
Marshall	76	45	30	151			50	148	2,925
Mills	43	50		93	1		15	66	1,000
Mitchell	55	21	30	106	1		54	80	1,893
Monona	130	17	4	151	2	1	50	98	3,500
Monroe	38	53	17	108	4	60	12		
Montgomery	38	18	8	114			63	98	3,421
Muscatine	34	48	28	106	1		106	94	1,934
O'Brien	75	60	5	140			140	105	2,813
Osceola	60	32	2	94		8	75	70	1,908
Page	53	75	11	139			60	132	4,884
Palo Alto	104	22	7	133			100	58	1,304
Plymouth	153	24	5	182			42	138	3,128
Pocahontas	110	25	7	142		2	80	130	3,044
Polk	112	54	22	188	2	1	88	176	4,164
Pottawattamie	229	18	10	257	1	2	250	240	
Poweshiek	103	33	9	145	3		51	140	4,163
Ringgold	15	55	14	124	3		19	100	1,700
Sac	82	31	29	142	1	20	40	80	2,620
Scott	104	19	3	126	1	2		126	1,800
Shelby	100	40	6	146	2		136	100	1,280
Sioux	65	100	22	187	1	24	25	170	3,131
Story	74	45	32	151	1		100	151	
Tama	101	80	13	193	1		100	146	3,637
Taylor	80	35	16	131	2	5	10	115	2,000
Union	62	54	4	120	2	3	52	91	1,610
Van Buren	36	75	5	116		9	53	90	2,151
Wapello	50		18	116	1	2	68	92	1,850
Warren	83		20	143	5	3	41	75	
Washington	65	62	12	139		7		134	3,217
Wayne	112	8	3	123	1	16	60	128	1,752
Webster	132	42	17	191	2	2	87	144	3,098
Winnebago	48	36	8	92		5	24	60	1,283
Winneshiek	100	43	7	150				98	1,921
Woodbury	108	96	14	218	2	15	175	178	1,424
Worth	85	7	5	97		5	60	55	1,615
Wright	100	36	5	141			132	102	2,277
Total	8,497	4,171	1,280	13,947	126	630	5,915	10,111	199,402

ABSTRACT [E]
TEACHER NORMAL

Counties	Where Held	Sessions			Teachers in Attendance			Graduates
		Commencing	Contingent weeks	Sessions daily	Males	Females	Total	
Adair								
Adams	Corning	June 19	2	1	19	122	141	
Allamakee								
Appanoose								
Audubon	Audubon	June 18	2	1	11	125	136	
Benton								
Black Hawk								
Boone								
Bremer								
Buchanan								
Buena Vista								
Butler								
Calhoun								
Carroll	Carroll	June 18	2	2	23	194	216	8
Cass	Atlantic	June 18	2	1	4	195	199	
Cedar	Tipton	June 18	2	2	17	154	171	
Cerro Gordo								
Cherokee	Cherokee	June 25	1	2	19	184	196	
Chickasaw								
Clarke								
Clay								
Clayton								
Clinton								
Crawford								
Dallas								
Davis								
Decatur								
Delaware								
Des Moines	Burlington	June 18	2	2	15	170	185	
Dickinson								
Dubuque								
Emmet								
Fayette								
Floyd								
Franklin								
Fremont	Sidney	June 11	1	2	11	129	140	
Greene	Jefferson	June 19	2	2	15	165	180	
Grundy	Reinbeck	June 25	1	2	18	133	151	
Guthrie								
Hamilton								
Hancock								
Hardin								
Harrison								
Henry	Mt Pleasant	June 18	2	2	14	158	172	4
Howard	Cresco	March 26	2	2	10	118	128	
Humboldt								
Ida	Ida Grove	March 23	2	2	15	125	140	
Iowa	Marengo	March 26	1	2	42	166	208	

REPORT FOR 1906

INSTITUTE

Institute Fund								
Receipts					Expenditures			
On hand at last report	Examination fees	Registration fees	State appropriation	County appropriation and other sources	Total	Instruction and lectures	Incidentals	Unexpended
110.20	123				233.20			233.20
106.11	222	141	50	16.85	595.76	443.63	54.46	97.64
332.18	63			3.75	418.93			418.93
114.00	107				221.00			221.00
48.85	211	136	50		445.85	416.00	25.00	4.85
188.20	217				405.20	35.00	96.35	273.85
87.48	177			50	264.98			264.98
90.00	270				315.00			315.00
26.61	98				118.61			118.61
82.15	55				137.15			137.15
82.47	83				165.47			165.47
28.00	144			9.00	179.00	25.00		154.00
178.95	152				330.95	68.00	34.15	228.80
7.49	153	216	50		426.49	356.75	53.00	16.74
69.50	267	199	50		625.50	55.00		570.50
296.98	206	171	50		723.98	620.00		103.98
213.67	334				547.67	91.90	19.85	435.92
330.34	219	196	50		725.34	366.50		408.84
54.93	176		50		280.93			280.93
108.82	97				203.82			203.82
65.69	117				182.60			182.60
383.33	131				514.33			514.33
307.54	301				608.53	82.50		526.03
108.95	133				241.95			241.95
23.33	140				163.33	25.00		138.33
62.04	111		50		213.04			213.04
106.80	122		50		278.80			278.80
8.88	72				80.88	45.08		35.80
126.27	158	185	50		519.27	425.86	70.68	22.73
25.89	38				63.89			63.89
51.05	46				97.05			97.05
17.08	74				91.08			91.08
45.21	113			6.17	164.38			164.38
71.40	154				225.40		26.50	198.90
110.27	140				280.27			280.27
226.06	274	140	50		690.96	374.00	90.25	226.71
311.80	250	180	50	38.25	830.05	551.00	63.25	224.80
160.59	240	151	50		600.59	290.00	74.87	235.72
634.00	130				784.00			784.00
28.00	109				135.00			135.00
205.94	201				406.94			406.94
106.00	129				229.00			229.00
573.31	166				739.31	35.98	24.50	678.83
	204	172	50	115.50	631.50	570.00	61.50	
83.80	184	128	50	8.50	434.19	442.00	10.00	3.19
249.51	77				328.51			328.51
164.00	135	140	50	78.00	567.00	532.00		35.00
25.10	177	208	50		460.10	445.00	11.82	3.28

REPORT OF THE

TEACHERS NORMAL

Counties	Where Held	Sessions			Teachers in Attendance			
		Commencing	Contingent weeks	Sessions daily	Males	Females	Total	Graduates
Jackson	Maquoketa	June 11	2	2	15	126	201	
Jasper								
Jefferson	Fairfield	June 13	1	2	7	140	147	
Johnson								
Jones								
Keokuk								
Kossuth	Algona	June 15	2	7	12	249	261	
Lee								
Linn								
Louisa	Wapello	June 18	2	2	23	98	121	
Lucas	Chariton	June 24	2	2	11	125	136	
Lyon								
Madison								
Mahaska								
Marion	Knoxville	March 19	1	3	31	191	222	6
Marshall								
Mills								
Mitchell								
Monona								
Monroe	Albia	March 26	1	2	18	142	160	
Montgomery								
Muscataine	Muscataine	June 18	2	2	10	195	205	
O'Brien								
Osceola	Sibley	April 2	1	2	9	109	118	
Page								
Palo Alto								
Plymouth								
Pocahontas								
Polk	Des Moines	Feb 22	1	1	23	406	429	
Pottawattamie	Council Bluffs	June 11	1	2	6	253	259	
Poweshiek	Brooklyn	June 11	2	2	21	126	147	
Ringgold								
Sac	Sac City	June 18	1	2	3	158	161	
Scott	Davenport	March 22	1	2	36	327	363	
Shelby								
Sioux								
Story								
Tama	Traer	April 2	1		21	215	236	
Taylor	Bedford	June 18	2	1	8	122	131	
Union	Afton	June 11	2	2	14	141	155	
Van Buren								
Wapello								
Warren	Indianola	March 26	1	2	30	140	170	
Washington	Washington	June 11	1	2	20	172	192	
Wayne	Corydon	June 11	2	2	37	168	205	
Webster								
Winnebago								
Winneshiek	Decorah	March 26	2	2	36	207	243	
Woodbury								
Worth								
Wright								
Total					616	6,069	6,685	15

*Institute held after June 30, 1906, the close of the school year under

SUPERINTENDENT OF PUBLIC INSTRUCTION

107

INSTITUTE—CONTINUED.

Institute Fund								
Receipts					Total	Expenditures		
On hand at last report	Examination fees	Registration fees	State appropriation	County appropriation and other sources		Instruction and lectures	Incidentals	Unexpended
59.75	194	201	50	9.94	514.69	430.00	84.69	
142.60	202				544.00		19.90	324.70
296.96	192	147	50		685.66	421.90	46.50	217.56
	179				179.00		61.11	117.89
112.52	70				182.52	14.75		167.77
	163				163.00	44.00	1.50	122.50
241.20	390	261	50		942.20	934.50		7.70
				5.00	345.29			345.29
221.29	119				877.02	136.00	66.43	674.54
722.02	155				410.00	380.00	30.00	
	239	121	50		652.44	485.50	10.00	156.94
232.44	184	136			173.00			173.00
84.00	89							
					573.37	15.96		557.41
453.37	120				258.92			258.92
13.92	196		50		490.43	343.00	100.63	46.80
106.43	112	222	50		613.30			613.30
454.30	156				183.96	40.00	7.00	136.96
87.96	96				160.84	5.00		155.84
29.22	50			72.62	347.50			347.50
216.50	31				385.04	374.00	12.35	2.29
1.64	177	160	50		306.71			306.71
157.71	109			100.00	539.00	490.00	40.00	
51.00	194	206	1	50.00				
					199.40			199.40
74.40	115				396.87	325.00	61.87	10.00
56.54	157	118	50	15.33				
					239.57			239.57
90.57	249				301.00	208.75	70.00	22.25
71.00	228			2.00	270.20		50.75	219.45
242.20	23				126.45			126.45
4.45	122				1,391.45	573.50	470.65	347.30
318.45	534	489	50		1,089.71	570.00	216.60	304.11
307.71	473	259	50		552.86	460.00	48.62	44.24
96.93	259	147	50					
					93.00			93.00
18.00	75							
					641.85	456.00	37.12	148.73
92.85	338	161	50		1,323.07	515.00		653.07
325.07	90	363	50		120.78	38.00	.75	82.03
16.78	104				308.31			308.31
131.31	127		50		330.30			330.30
184.30	146							
					831.37	290.00	55.43	485.94
276.37	269	286	50		494.30	480.00		14.30
15.30	298	131	50					
					1,016.15	659.00	67.50	289.65
443.15	169	155	50					
					290.37			290.37
222.37	68							
					456.57		3.43	453.09
272.57	184				813.24	390.00	74.35	348.89
310.24	283	170			782.19	412.00	49.65	230.54
304.19	236	192	50		654.96	606.00	40.00	9.96
219.96	180	205	50		663.23	70.00	22.24	571.04
441.23	222				156.60			156.60
8.60	103		50		783.63	527.50	73.25	187.88
201.63	294	243	50		153.88			153.88
51.88	102				231.85			231.85
128.85	108				169.35	68.00	9.00	92.35
16.10	151			2.25				
115,409.56	\$16,867	\$ 6,685	*\$2,000	\$ 533.46	\$ 42,494.82	\$ 17,072.59	\$ 2,708.60	\$ 22,712.63

the new law
State warrant for \$50 lost.

ABSTRACT [E]—CONTINUED.

TEACHERS' NORMAL INSTITUTES.

Counties	Conductors	Instructors
Adair .....	.....	*
Adams	A. B. Lewis.....	J. L. Mishler, J. W. Fowler, J. A. Griffith, F. H. Currans, H. C. Hollingsworth, F. J. Resler.
Allamakee .....	.....	*
Appanoose .....	.....	*
Audubon	Arthur Farquhar	P. B. Woods, D. P. Repass, F. A. Nima, F. J. Mantz, Miss Lura Beason, Nora I. Brown, Mrs. Dena Statzell.
Benton .....	.....	*
Black Hawk.....	.....	*
Boone .....	.....	*
Bremer .....	.....	*
Buchanan .....	.....	*
Buena Vista.....	.....	*
Butler .....	.....	*
Calhoun .....	.....	*
Carroll	W. J. Barloon.....	Ira W. Howerth, R. C. Barrett, J. H. Beveridge, W. P. Johnson, Alice C. Wilson, C. F. Schell.
Cass	Bertha Johnson..	W. E. Salisbury W. J. Cattell, G. U. Gorden, H. W. Chehock, Effie Schuneman.
Cedar	Geo. H. Kellogg..	C. R. Aurner, Elizabeth Bain, Paul S. Filer, S. H. Mott, M. R. Fayram, Bessie E. Foster, C. E. Stevens.
Cerro Gordo.....	.....	*
Cherokee	Agnes Robertson	Wm. C. Wilcox, Ira W. Howerth, S. H. Buntley, M. Adelaide Holton, Elizabeth Campbell.
Chickasaw .....	.....	*
Clarke .....	.....	*
Clayton .....	.....	*
Clinton .....	.....	*
Crawford .....	.....	*
Dallas .....	.....	*
Davis .....	.....	*
Decatur .....	.....	*
Delaware .....	.....	*
Des Moines.....	H. A. Mathews.....	F. M. Fultz, R. B. Crone, W. Lee Jordan, Laura Phillips, W. L. Sheetz.
Dickinson .....	.....	*
Dubuque .....	.....	*
Emmet .....	.....	*
Fayette .....	.....	*
Floyd .....	.....	*
Franklin .....	.....	*
Fremont	Mattie A. Lair.....	Alice E. Hopper, W. S. Athearn, C. S. Cobb, E. A. Winship, Arthur McMurray, Mrs. Elizabeth Adams.
Greene	A. J. Oblinger.....	L. N. Gerber, T. R. Amlie, H. A. Glackemeyer, Ruby Baughman, F. E. Palmer, Belle Eagleson.
Grundy	J. D. Adams.....	Hattie Moore Mitchell, Clara Klinefelter, Agnes Butler, D. M. Kelly, Thos. E. Johnson.
Guthrie .....	.....	*
Hamilton .....	.....	*
Hancock .....	.....	*
Hardin .....	.....	*
Harrison .....	.....	*

*Institute held after June 30, 1906, the close of the school year under the new law.

TEACHERS' NORMAL INSTITUTES—CONTINUED.

Counties	Conductors	Instructors
Henry	David Williams..	P. C. Hayden, Jesse Benjamin, C. W. Cruikshank, Amanda Kidder, Elizabeth Dean, Stella Lang, Mrs. Ada McConnaughey.
Howard	Helen Chapin.....	A. E. Winship, G. A. Oliver, L. E. A. Ling, A. C. Newell, H. C. Hollingsworth, F. A. Welch, Blanche Goudy, Mattie Holt.
Humboldt .....	.....	*
Ida	J. C. Hagler.....	W. F. Barr, W. S. Athearn, R. A. Griffin, R. S. Whitley, L. N. Gerber, C. R. Lowe.
Iowa	Howard T. Ports	N. E. Shaeffer, Alice E. Hopper, Geo. E. Dick, C. E. Fleming, C. H. Carson, F. W. Shultis, Wm. Soloman.
Jackson	C. C. Dudley.....	M. Jaynes, Ethel M. Wilson, A. Palmer, J. R. Bowman, Cornelia Collins, Alice C. Wilson, Mary G. Hancock.
Jasper .....	.....	*
Jefferson	Anna White.....	R. C. Barrett, Hattie Moore Mitchell, Martha E. Emry, S. A. Power, Cora Ball, Mrs. May Scott.
Johnson .....	.....	*
Jones .....	.....	*
Keokuk .....	.....	*
Kossuth	C. H. Belknap.....	H. L. Adams, J. C. Sanders, C. R. Lowe, Edna R. Williams, Ella C. Hartshorn.
Lee .....	.....	*
Linn .....	.....	*
Louisa	C. R. Wallace.....	A. M. M. Dornon, C. R. Scroggie, J. W. McCulloch, C. L. Love, Mary Hughes.
Lucas	Laura Fitch.....	W. N. Cliford, Inez Kelso, F. C. Ensign, Minnie Rozelle, J. E. Cameron, Della Cortelyou.
Lyon .....	.....	*
Madison .....	.....	*
Mahaska .....	.....	*
Marion	W. H. Lucas.....	S. G. Richards, W. C. Farmer, Hattie Moore Mitchell, Wm. Soloman.
Marshall .....	.....	*
Mills .....	.....	*
Mitchell .....	.....	*
Monona .....	.....	*
Monroe	R. B. Spencer.....	F. C. Ensign, Hattie Moore Mitchell, R. C. Barrett, H. L. Moore, F. E. George.
Montgomery .....	.....	*
Muscatine	L. G. Focht.....	R. W. Leverich, Linnie Harris, Madge Babbitt, Mrs. Emma Luse.
O'Brien .....	.....	*
Osceola	J. P. McKinley....	L. B. Parsons, Grace M. Sullivan, C. R. Scroggie, W. N. Clifford, I. W. Howerth, S. H. Buntley.
Page .....	.....	*
Palo Alto.....	.....	*
Plymouth .....	.....	*
Pocahontas .....	.....	*
Polk	Z. C. Thornburg..	O. H. Longwell, W. S. Athearn, W. N. Clifford, Adda Blakeslee, L. S. Ross, W. F. Barr.
Pott'watt'mie	O. J. McManus.....	I. W. Howerth, S. L. Thomas, M. E. Crosier, L. J. White, Charlotte Reed, Frances Tobey, Frances Wright.
Poweshiek	P. A. McMillen.....	E. Henely, C. E. Douglass, T. M. Clevenger, Della Phillips, Helen Thomson, A. E. Parsons, Carrie McCulloch.
Ringgold .....	.....	*
Sac	A. T. Hukill.....	C. F. Garrett, L. H. Platt, J. R. Slacke, G. W. Lee, M. A. Holton.

* Institute held after June 30, 1906, the close of the school year under the new law.

TEACHERS' NORMAL INSTITUTES—CONTINUED.

Counties	Conductors	Instructors
Scott	J. H. Jacobs.....	Ernest Otto, Jas. M. Coughlin, Wm. L. Tom- lins, Frederick E. Bolton, T. S. Lowden.
Shelby .....	.....	*
Sioux .....	.....	*
Story .....	.....	*
Tama	D. E. Brown.....	Hattie Moore Mitchell, Arthur McMurray, John E. Cameron, F. L. Mahannah.
Taylor	H. S. Ash.....	F. E. Howard, F. O. Belzer, E. E. Frisk, L. C. Rusmisl, Mrs. Otto Windelburg.
Union	Frank M. Abbott	Fred E. Bolton, Chas. McKenney, E. L. Co- burn, Anna Wertz, Geo. D. Eaton, J. R. Locke, Frank Lester.
Van Buren .....	.....	*
Wapello .....	.....	*
Warren	J. W. Radebaugh	O. E. Smith, E. E. Baker, Carrie Van Gildes, Effe Silliman.
Washington....	Cora E. Porter....	R. C. Barrett, R. B. Crone, Hattie Moore Mitchell, R. D. Daugherty, Myrtle Le Compte, Lucy Meacham, Stella Savage.
Wayne	L. Maud Elmore..	Emma C. Moulton, Laura Bowman, Ruth Adsit, Mattie Holt, John Cameron, H. C. Hollingsworth, W. N. Clifford, W. L. Pugh.
Webster .....	.....	*
Winnebago .....	.....	*
Winneshiek	E. J. Hook.....	Charlotte E. Sweney, E. L. Coffeen, G. E. Finch, H. C. Johnson, Julia Breckenridge, C. P. Colgrove, Ella Treat, C. A. Russell.
Woodbury .....	.....	*
Worth .....	.....	*
Wright .....	.....	*

* Institute held after June 30, 1906, the close of the school year under the new law.

ABSTRACT [F]
CORPORATIONS AND DIRECTORS.

Counties	Corporation				Directors			
	School town- ship	Independent city, town and village	Rural independ- ent	Total	School town- ship	Independent city, town and village	Rural independ- ent	Total
	15	5	10	30	135	25	80	190
	9	7	28	42	77	38	78	186
	9	8	85	92	60	40	185	284
	13	12	22	48	95	60	69	224
	12	3		15	108	15		123
	10	12	87	109	84	60	261	405
rk	10	5	51	76	78	29	183	290
	11	9	49	69	92	45	147	284
	6	9	58	73	43	40	174	257
	9	10	55	74	84	50	165	299
la	14	7	8	29	121	35	24	178
	11	10	38	59	96	50	114	260
	16	10		26	138	50		188
	13	10	19	42	111	50	57	218
	15	8	9	32	138	40	27	205
	12	14	31	57	104	70	98	272
lo	12	8	22	42	108	40	60	208
	15	8	7	30	132	40	21	193
	5	9	60	74	55	45	180	279
	9	4	24	37	78	20	72	170
	16	6		22	127	30		157
	18	15	19	52	142	75	57	274
	17	13	24	54	187	68	72	277
	20	8		28	170	40		210
	13	13	21	47	119	65	68	247
	6	6	60	72	40	40	180	252
	9	10	54	73	68	50	162	278
	14	8	17	39	128	40	51	219
	5	6	55	66	28	32	166	225
	11	5	3	19	70	25	9	104
	10	10	43	63	69	53	120	241
	10	2		12	70	10		80
	12	14	70	96	112	70	210	392
	11	5	11	27	106	28	83	184
	12	7	31	50	101	35	98	229
	11	8	11	30	104	40	83	177
	14	7	9	30	135	35	27	197
	9	7	44	60	75	38	132	242
	15	9	6	30	187	45	18	250
	14	8	25	47	112	40	75	227
	16	9		25	124	45		169
	8	12	53	73	76	60	150	293
	16	10	24	50	121	50	72	243
	4	9	63	76	54	52	120	276
	11	4	7	22	91	20	21	132
	10	10	9	29	88	50	27	165

CORPORATIONS AND DIRECTORS—CONTINUED.

Counties	Corporation				Directors			
	School town- ship	Independent city, town and village	Rural independ- ent	Total	School town- ship	Independent city, town and village	Rural independ- ent	Total
Ida	12	5		17	102	25		127
Iowa	10	7	58	75	78	35	174	285
Jackson	14	10	54	82	54	50	102	201
Jasper	17	10	20	47	161	50	60	266
Jefferson	9	5	23	37	75	25	60	160
Johnson	16	5	43	64	24	25	129	178
Jones	9	9	54	72	70	45	102	217
Keokuk	2	17	97	116	24	65	291	400
Kossuth	27	11	1	39	217	63	3	273
Lee	7	14	51	72	47	70	153	262
Linn	11	12	53	76	106	92	174	372
Louisa	9	10	13	32	40	51	54	145
Lucas	4	4	57	65	34	20	171	225
Lyon	13	8	11	32	30	40	33	103
Madison	12	8	13	33	106	40	54	200
Mahaska	9	9	68	86	70	45	204	319
Marion	4	16	65	85	26	80	225	331
Marshall	12	11	47	70	98	55	141	294
Mills	4	8	55	67	20	42	165	227
Mitchell	8	10	36	54	54	50	108	212
Monona	16	10	9	35	122	50	27	199
Monroe	7	7	23	37	53	35	90	178
Montgomery	10	5	13	28	89	25	54	168
Muscataine	11	7	20	38	69	37	60	166
O'Brien	15	6	1	22	129	30	3	162
Osceola	11	3		14	35	15		101
Page	11	13	24	48	34	65	102	201
Palo Alto	16	7		23	130	35		165
Plymouth	23	10	1	34	161	50	3	214
Pocahontas	15	7	8	30	130	35	24	189
Polk	13	21	35	69	89	107	105	301
Pottawattamie	23	12	15	50	217	62	45	324
Poweshiek	14	5	16	35	122	40	48	210
Ringgold	12	10	29	51	35	50	27	112
Sac	16	9		25	134	45		179
Scott	13	9	10	32	35	47	57	139
Shelby	16	9		25	136	45		181
Sioux	21	11	2	34	169	55	6	230
Story	14	15	17	46	126	75	51	252
Tama	12	11	71	94	97	55	213	365
Taylor	12	11	26	49	94	55	78	227
Union	10	8	17	35	90	40	51	181
Van Buren	8	16	25	49	68	80	105	253
Wapello	8	7	41	56	57	37	123	217
Warren	7	14	74	95	54	70	222	346
Washington	6	9	76	91	50	45	223	318
Wayne	18	10	24	52	96	50	72	218
Webster	18	10	34	62	142	50	102	294
Winnebago	10	7	6	23	78	35	16	131
Winneshek	14	12	33	59	105	60	90	255
Woodbury	17	12	30	59	140	62	90	292
Worth	12	6		18	88	30		118
Wright	15	6	6	27	127	40	24	191
Total	1187	906	2387	5015	9433	4460	9961	23853

ABSTRACT [G] SPECIAL LIBRARY REPORT.

Counties	Number of Volumes Purchased					Amount Expended					Total	Number of rural schools provided with suitable library cases				Number rural independent district schools provided with libraries			
	From teachers fund	From schoolhouse fund	From contingent fund	Total from District funds	Total money raised by voluntary efforts	Total from all sources	From teachers fund	From schoolhouse fund	From contingent fund	Total from District funds	From money raised by voluntary efforts	Number provided with suitable library cases	Number rural independent district schools provided with libraries	Number rural independent district schools provided with libraries	Number rural independent district schools provided with libraries	Number rural independent district schools provided with libraries	Number rural independent district schools provided with libraries	Number rural independent district schools provided with libraries	Number rural independent district schools provided with libraries
Adair	318		60	384		384	200.23		38.50	238.73	37.65	77	113	21	21	21	21	21	21
Adams	243		28	271		271	149.35		10.52	160.87	55.98	49	64	49	49	49	49	49	49
Allamakee	298		30	328	147	475	332.13		8.30	340.43	84.15	121	121	121	121	121	121	121	121
Appanoose	305		30	335	154	489	188.20		18.10	206.30	15.00	71	106	71	71	71	71	71	71
Audubon	282		30	312	74	386	239.18		45.52	284.70	58.48	90	82	90	90	90	90	90	90
Benton	565		77	642	89	731	37.10		101.50	138.60	04.28	60	70	60	60	60	60	60	60
Black Hawk	148		325	473	282	755	231.96		106.41	338.37	103.95	95	90	95	95	95	95	95	95
Boone	328		362	690	180	870	82.13		88.03	170.16	133.00	83	40	83	83	83	83	83	83
Bremer	61		174	235	106	341	206.18		24.90	231.08	150.00	79	78	79	79	79	79	79	79
Buchanan	338		31	369	147	516	201.79		92.27	294.06	208.90	130	125	130	130	130	130	130	130
Buena Vista	292		180	472	302	774	240.77		21.40	262.17	20.00	93	96	93	93	93	93	93	93
Butler	543		63	606		606	245.73		142.64	388.37	285.00	103	131	103	103	103	103	103	103
Calhoun	483		175	658	343	1,001	302.76		75.03	377.79	193.85	43	69	43	43	43	43	43	43
Carroll	818		164	982	61	1,043	169.53			169.53	251.60	43	79	43	43	43	43	43	43
Cass	214		319	533	323	856	149.01		202.30	351.31	4.43	65	100	65	65	65	65	65	65
Cedar	299		32	331	8	339	123.29		23.61	146.90	60.00	94	108	94	94	94	94	94	94
Cerro Gordo	220		32	252	258	510	282.33		172.26	454.59	42.25	128	126	128	128	128	128	128	128
Cherokee	302		31	333	427	760	94.89		18.49	113.38	48.00	20	10	20	20	20	20	20	20
Chickasaw	150		56	206	230	350	117.84		42.08	159.92	42.25	23	78	23	23	23	23	23	23
Clarke	208		157	365	100	508	106.44		107.05	213.49	48.00	111	121	111	111	111	111	111	111
Clay	251		265	516	100	600	216.57		176.50	393.07	227.00	89	148	89	89	89	89	89	89
Clayton	544		130	674	284	958	264.61		75.07	339.68	137.90	93	133	93	93	93	93	93	93
Clinton	583		70	653	300	953	292.51		40.00	332.51	137.90	68	154	68	68	68	68	68	68
Crawford	603		453	1,056	1,174	2,230	292.50		103.76	396.26	340.81	119	114	119	119	119	119	119	119
Dallas	575					575	94.87		11.75	106.62		96	34	96	96	96	96	96	96
Davis																			

REPORT OF THE

ABSTRACT [G]—SPECIAL LIBRARY FUND—CONTINUED.

Counties	Number of Volumes Purchased			Amount Expended					Total	Number of rural schools provided with libraries	Number of sub-districts provided with libraries	Number of rural independent districts provided with libraries			
	Teachers' fund	Schoolhouse fund	Contingent fund	Total from district funds	From money raised by voluntary efforts	Total from all sources	From teachers' fund	From schoolhouse fund					From contingent fund	Total from district fund	From voluntary efforts
Decatur	402		126	628		628	109 00	.16	41 12	150 34	120 00	270 34	60	59	32
Delaware	122		40	162	79	241	206 61		55 82	262 43	80 71	343 14	122	111	11
Des Moines	71		110	180	30	230	102 74		34 90	137 64	20 75	218 39	20	22	37
Dickinson	56		358	414	1,132	1,546	66 50		46 20	112 76	39 75	149 51	27	43	5
Dubuque							17 12		135 75	203 87	580 00	782 87	117	65	62
Emmet	230		7	237	345	582	175 54		59 38	234 92	470 22	705 24	74		
Fayette	208	20	274	508		508	84 81	12 27	231 83	323 91	817 07	640 88	165	103	70
Floyd	100		44	140	243	383	51 85		23 75	75 00	124 25	199 85	100	92	10
Franklin	574		7	581	45	626	270 34		3 03	273 94	43 71	317 67	83	101	32
Fremont	286		200	586	120	706	100 74		235 11	475 85	60 40	536 25	114	96	11
Greene	220		12	232	11	243	121 73		27 12	152 85	9 53	162 40	80	128	3
Grundy	132	4	16	152	04	210	81 00	7 92	30 56	125 48	47 56	173 04	82	75	44
Guthrie	505	315	40	800		860	247 04	131 73	20 20	309 03		399 63	105	130	4
Hamilton	744		24	788		788	307 14		15 84	323 08		322 96	132	107	25
Hancock	574		8	582	208	790	305 36		71 02	376 38	101 86	478 26	109	136	
Hardin	643		280	923	104	1,087	332 27		166 50	497 77	76 00	573 77	64	75	62
Harrison	217		13	348	22	370	133 38		77 88	210 76	21 35	232 11	25	61	13
Henry	327		68	395		399	134 30		123 22	258 11		258 11	32	32	67
Howard	232		70	327	200	527	123 97		38 66	162 63	100 00	262 63	55	92	7
Humboldt	171	1	137	309	674	983	90 12	5 50	68 60	161 22	471 04	636 26	69	90	9
Ida							22 80		41 93	70 73		70 73	89	70	
Iowa	150		20	180	280	400	125 99		22 50	140 40	214 58	294 07	90	76	67
Jackson	400		71	440	95	495	70 00		164 00	228 05		228 05	57	56	20
Jasper	79		100	180	103	230	343 20		207 07	543 26	50 00	603 26	118	127	9
Jefferson						230	60 14		62 94	104 82	60 09	224 91	55	69	32

Johnson	205	280	494	181	675	94.35	127.79	222.14	76.00	208.14	65	114	42
Jones	333	219	552	226	775	129.02	94.72	223.74	90.99	314.73	130	70	60
Keokuk	356	178	534	289	814	275.54	87.15	302.69	140.00	508.69	51	24	100
Kossuth	512	363	875	976	1,851	205.28	153.69	448.97	373.16	882.13	105	139	1
Lee	330	125	455	30	485	228.49	102.34	330.83	15.85	345.18	70	47	87
Linn	307	430	737	109	838	145.70	301.97	347.67	130.55	478.23	75	35	60
Louisa	67	142	209	83	292	58.29	138.08	194.87	50.14	244.51	20	49	7
Lucas	329	314	643	85	728	121.53	123.79	245.32	34.72	290.04	60	38	67
Lyon						172.86	25.80	210.71		210.71	45	71	11
Madison	241	194	435	26	441	185.87	139.85	323.72	22.94	348.00	71	104	12
Mahaska	346	3	349	37	386	204.94	13.50	308.44	35.75	344.10	41	62	60
Marion	485	149	633		633	218.44	67.00	285.44	74.75	360.19	17	32	94
Marshall	380	108	548	70	617	207.71	84.34	292.05	25.40	317.45	70	87	35
Mills	300	54	354	21	375	146.62	28.52	177.14	8.40	185.54	70	19	55
Mitchell	553		653		653	159.63		159.63		159.63	80	51	43
Monona	241	34	275	100	375	129.03	17.46	146.49	100.00	246.40	15	80	4
Monroe	473	443	916		916	169.20	177.30	391.60	83.61	361.60	30	68	32
Montgomery	89	44	133	303	436	38.70	23.20	61.90		145.51	69	77	15
Muscatine	38	53	91		91	29.11	45.67	74.78		74.78			
O'Brien	104	219	323	1,000	1,408	34.35	109.52	143.87	503.60	787.47	133	134	
Osceola	156	34	214	375	589	63.74	22.23	103.67	200.34	304.01	68	91	
Page	417	28	445	58	508	293.90	13.31	277.21	49.49	326.70	53	81	84
Palo Alto	240	110	450		450	132.62	37.00	169.62	50.00	109.62	133	133	
Plymouth	425	93	604	148	752	253.13	153.43	454.31	60.00	504.31	99	130	1
Pocahontas	16	4	20	296	315	15.90	60.07	75.97	168.00	243.97	100	117	7
Polk	162	922	1,135	292	1,427	87.77	346.51	443.68	135.62	579.30	79	84	67
Pottawattamie	564	364	928	254	1,182	369.96	188.82	558.78	136.10	694.88			
Poweshiek						174.86	253.04	431.40	98.77	631.17	49	113	16
Ringgold	131	140	271	9	280	62.75	53.02	105.77	4.90	110.67	75	95	32
Sac		75	75	1,375	1,450		42.10	42.10	230.00	272.10	120	124	
Scott						183.94	1,300.36	1,532.30		1,532.30	70	78	19
Shelby	621	2,165	2,786	4,000	6,786	547.72	774.34	1,322.08	1,300.00	2,522.03	134	134	
Sioux	593	280	578	96	960	346.36	129.43	475.79	126.64	602.43	105	107	2
Story	300	80	380		380	111.94	53.15	165.09		165.09			
Tama	210	572	582	263	845	267.45	204.41	461.86	175.92	637.78	90	95	72
Taylor	236		236	145	381	83.36		83.36	51.78	135.04	36	79	25
Union	463	71	534		634	225.08	34.06	259.11		259.11	29	106	13
Van Buren	139	65	204	85	229	101.49	38.44	139.93	31.87	171.80	29	62	24

ABSTRACT (G)—SPECIAL LIBRARY REPORT—CONTINUED.

Counties	Number of Volumes Purchased					Amount Expended				Total	Number of rural schools provided with suitable library cases	Number sub-districts provided with libraries	Number rural independent districts provided with libraries
	From teachers fund	From schoolhouse fund	From contingent fund	From teachers fund	From schoolhouse fund	From contingent fund	Total from district funds	Total money raised by voluntary efforts	Total				
Wapello	480		45	525	142	667	276.44	81.12	357.56	378.81	62	55	41
Warren	369		836	1,205	208	1,408	187.70	90.00	277.70	313.24	89	60	29
Washington	548		96	646	250	896	323.51	105.56	429.07	607.44	101	48	71
Wayne	445		29	475	10	475	240.86	132.06	372.92	436.49	51	21	24
Webster	171		294	465	10	475	119.93	12.00	131.93	608.57	133	75	24
Winneshiek	630		245	875	162	875	270.35	68.61	338.96	338.77	63	75	6
Woodbury	144		184	328	162	490	147.08	145.40	292.48	400.08	110	98	37
Worth	554		105	659	144	654	189.00	78.00	267.00	160.00	76	86	8
Wright	159		105	264	144	408	82.30		137.00	215.90	125	119	8
Total	30,858	478	15,488	46,824	20,544	67,366	\$ 16,831.83	\$ 11,138.89	\$ 28,250.42	\$ 38,384.34	7,555	6,329	2,004

PRIVATE DENOMINATIONAL AND HIGHER EDUCATIONAL INSTITUTIONS BY COUNTIES

Name of School	Location	When founded	Under Control of	Income for the year	Number of professors	Other instructors	Students in college work	Students in preparatory work	Students in other courses	Total net enrollment for year ending June 30, 1906	Grad. in collegiate courses	Graduates in other courses	Total graduated during year	President or Principal
Adams— Corning Academy	Corning	1885	Presbyterian	\$ 2714	6	2	85	68	153	196	4	4	4	F. H. Currens
Appanoose— Centerville Com. College and Normal School	Centerville	1906	M. O. Perry	1234	3	1			75					M. O. Perry
Benton— St. Michael's German English Evangelical Lutheran	Norway	1892	Sisters St. Francis	600	3	3	35	74	109					James Drexler
Black Hawk— Iowa State Nor School German Ev. Lu School Lu St John's Parochial School	Fremont Twp	1866	Evan. Lutheran			2			43				13	C. A. Krog
Black Hawk— Iowa State Nor School German Ev. Lu School Lu St John's Parochial School	Cedar Falls Waterloo	1876	State of Iowa Immanuel Church	194250	35	35	2246	144	2490	196			196	H. H. Gearley
Boone— Sacred Heart	Boone	1887	Sisters of Charity		6	1	176	24	200				7	Sr. M. Leontia
Bremer— St. John's St. Peter's St. Paul's	Dayton Twp Denver Denver	1874 1901 1863	Evan. Lutheran Evan. Lutheran Evan. Lutheran		1 1 1	1 1 2	45 28 91	45 28 37	45 28 37				14 4 4	F. Schedtler F. Schoenbohm O. Krumm

REPORT OF THE

ABSTRACT [H]—PRIVATE DENOMINATIONAL AND HIGHER EDUCATIONAL INSTITUTIONS—CONTINUED.

Name of School	Location	When founded	Under Control of	Income for the year	Number of professors	Other instructors	Students in college work	Students in preparatory work	Students in other courses	Total net enrollment for year ending June 30, 1906	Grad. in collegiate courses	Graduates in other courses	Total graduates during year	President or Principal
St. John's	Douglas Twp	1905	Evangelical Lutheran		1	1			17	17				E. Waedekin
St. Paul's	Douglas Twp	1871	Evangelical Lutheran		1	1			26	26				F. Dilgen
St. John's	Lo Roy Twp	1874	Evangelical Lutheran		1	1			50	50				T. Haevidschke
St. Matthew's	Maxfield Twp	1874	Evangelical Lutheran		2	2			32	32				L. Lobeck
St. John's	Maxfield Twp	1881	Evangelical Lutheran	450	1	1			44	44				Aug. Studier
Immanuel	Maxfield Twp	1880	Evangelical Lutheran		1	1			64	64				W. C. Malte
St. Paul's	Warren Twp	1871	Evangelical Lutheran	100	1	1			49	49				J. M. L. Harner
St. Peter's	Tripoli	1880	Evangelical Lutheran		1	1			30	30				A. Schluter
St. Paul's	Waverly		Evangelical Lutheran		2	2			77	77				C. F. Liefeld
Orphans' Home	Waverly		Evangelical Lutheran	1000	1	1			71	71				R. E. Knapp
Wartburg Teachers' Sem	Waverly	1879	Evangelical Lutheran	6000	5	5	18		58	58	1			G. Bergstrasser
St. Bernard's Academy	Waverly	1880	Catholic		4	4			35	35				James Mulligan
St. John's	Sumner	1887	Lutheran		1	1			27	27				H. Bredom
Huchanan—														
Immaculate Conception	Fairbank	1896	Sra. of the Holy Ghost		1	3			100	100				W. T. Donahue
Seminary Notre Dame	Independence	1899	Sisters of Mercy		1	5			84	84				P. O'Dowd
St. John's Lutheran	Fairbank	1891	Lutheran	75	1	1			37	37				August Rueber
St. Joseph's Parochial	Independence	1888	Franciscan Sisters		1	2			47	47				H. Rhinert
Buena Vista—														
Buena Vista College	Storm Lake	1891	Presbyterian	14000	12	2	25	89	103	220	8	23	38	Robt. L. Campbell
Carroll—														
St. Bernard's	Breda	1880	Catholic		4	4			210	210				G. H. Luehrman
St. John's	Arcadia		Catholic		3	3			132	132				Jos. Schulte
St. Mary's	Willey	1880	Catholic		3	3			178	178				J. Heinzele
St. Augustine	Halbur	1901	Catholic		3	3			119	119				Jno. Balmier
St. Peter and Paul's	Carroll	1880	Catholic		5	5			316	316		10		Jos. Kuempfer

Year	Organization	Location	Members	Assets	Income	Notes
1891	Emanuel German	Sheridan Twp	1			
1892	Lutheran	Acadia	1			
1893	Lutheran	Carroll	3			
1894	St. Joseph's	Templeton	3			
1895	St. Bernard's					
1896	Cedar					
1897	German Evangelical	St. John's School	1			
1898	John's School	Clarence	1			
1899	German Eng. Lu School	Lowden	1			
1900	Evan Zion's School	Lowden	1			
1901	Friend's Board's School	West Branch	1			
1902	Cerro Gordo					
1903	St. Francis Academy	Mason City	2			
1904	Sacred Heart Academy	Rockwell	7			
1905	St. Patrick's School	Dougherty	4			
1906	National Memorial Univ	Mason City	5			
1907	Cherokee					
1908	Loretto Academy	Marcus	5			
1909	Clay					
1910	Spencer Business Univ	Spencer	1			
1911	Clinton					
1912	Clinton Business College	Clinton	5			
1913	German Luth. Parochial	Charlotte	1			
1914	German Luth. Parochial	Clinton	0			
1915	Mt St Clare Academy	Clinton	20			
1916	Our Lady of Angels Sem	Lyons	2			
1917	Sacred Heart	Clinton	8			
1918	St. Boniface	Lyons	1			
1919	St. John's Lutheran	Lyons	1			
1920	St. Joseph's	Sugar Creek	12			
1921	St. Mary's	Clinton	3			
1922	St. Mary's	Petersville	2			
1923	St. Patrick's	Clinton	2			
1924	Warburg College	Clinton	2			
1925	Y. M. C. A	Clinton	3			
1926	Crawford					
1927	Denison Normal and	Denison	7			
1928	Business College	Washington Twp	1			
1929	German Evan. Lutheran	Denison	1			
1930	German Luth. Parochial	Denison	1			
1931	German Luth. Parochial	Charter Oak	1			

Collections.

ABSTRACT [H]—PRIVATE DENOMINATIONAL AND HIGHER EDUCATIONAL INSTITUTIONS—CONTINUED.

Name of School	Location	When founded	Under Control of	Income for the year	Number of professors	Other instructors	Students in college work	Students in preparatory work	Students in other courses	Total net enrollment for year ending June 30, 1906	Grad in collegiate courses	Graduated in other courses	Total graduated during year	President or Principal.
German Luth Parochial Hanover Twp			Lutheran			1			50	50		7	7	C. Wendt
German Luth Parochial Soldier Twp			Lutheran			1			25	25		1	1	C. Wekking
St. Ann's Academy			Catholic	1000		4			120					Jas. Murphy
Davis—														
Southern Iowa Normal	Bloomfield	1874			3	3	3	300	90	363	1	15	16	H. C. Brown
Decatur—														
Graceland College	Lamoni	1865	Latter Day Saints	6747	6	3	8	49	115	145		10	10	R. M. Stewart
Delaware—														
Lenox College	Hopkinton	1866	Presbyterian	9132	7	6	60	121	54	173	9	6	14	F. W. Grossman
Des Moines—														
Elliott's Bus College	Burlington	1879				11				448				G. W. Elliott
Our Lady of Lourdes Academy	Burlington	1875	Sisters of Charity		6	1	1		15	15				Sister M. Gregory
St. Patrick's School	Burlington	1876	Sisters of Mercy	400	3	1	100		105	105		15	15	W. J. McCormick
St. Cecilia Academy	Burlington	1901	Sisters of Mercy	25	1	1	10		12	12		2	2	W. J. McCormick
St. John's	Burlington		Sisters of Notre Dame		6				303					F. Aphonac
First Ger Egan School	Burlington	1883	German Evangelical	70	1	1			65	65				C. H. Franke
St. Mary's Par School	West Burlington	1880	St Mary's Congregation		2				74	74				Sister Mary Avena
Dubuque—														
St Joseph's College	Dubuque	1872	Marion Clergy	40,000	6	3	64	108		232	8	20	28	Dan'l M. Gorman
Academy Visitation	Dubuque	1871	Sisters of Visitation		14	4	25	125	23	173	6	4	10	Sister M. Barnardine, McQuillan
Wartburg Seminary	Dubuque	1864	Lutheran of Iowa		4	1	40			40				M. Fritschel
St. Patrick's School	Dubuque	1870	Sisters of Charity	10781		6				216				Sisters of Charity

St. Raphael's School	Dubuque	1880 Sisters of Charity	10257	6	1	23	17	650	48	33	33 Rev. J. J. Toomey
Ger. Pres. Theo. School	Dubuque	1852 Presbyterian	1000	1	3			8		2	2 W. O. Ruston
St. Boniface School	New Vienna	1846 St. Boniface	600	4	1				141	3	B. W. Shulte
St. Mary's School	Cascade	1881 Sisters of St. Francis	983	7					275		J. B. Albers
Holy Ghost School	Dubuque	1888 Sisters of St. Francis									3 W. J. Weirich
Fayette—											
Parochial School	Eldora	1870 Lutheran	18500	21	12	133	76	359	23	49	G. Blessin
Upper Iowa University	Fayette	1857 M. E. Church							568		70 Wm. A. Shanklin
St. Peter's Luth. School	Westgate	1885 St. Peter's							46		7 R. Uhlmann
Sacred Heart Parochial School	Oelwein	1906 Sacred Heart		1	5						P. S. O'Connor
Floyd—											
Charles City College	Charles City	1891 German M. E.	18000	6	9	20	100	90	200	3	30 F. E. Hirsch, A. M., D. D.
Academy of Im Concepcion	Charles City	1896 Sisters of Mercy	1050	5	2		86	5	91	1	1 J. J. Garland, V. F.
St. Mary's School	Roseville	1904 Sisters of Charity	400	2			50	50			J. H. Hageman
Fremont—											
Tabor College	Tabor	1886 Congregational	15000	9	5	49	59	120	171	6	9 Geo. N. Ellis
Hamilton—											
Jewell Lutheran College	Jewell	1893 Hauge Lutheran	4000	4	4	48		66	114	5	8 N. J. Lohre
Hardin—											
Ellsworth College	Iowa Falls	1900 Board of Trustees	50000	10	6	25	75	175	275	16	16 I. F. Meyer
New Providence Academy	New Providence	1870 Stock Company	2500	3	1		109	17	126	12	12 A. F. Styles
Harrison—											
Woodbine Normal and Commercial School	Woodbine	1887 Ind. School Corp	6750	0			291		291	29	H. A. Kinney
Henry—											
Iowa Wesleyan University	Mt. Pleasant	1842 M. E. Church	32000	25	3	105	205	90	10	46	49 Ino. W. Hancher
Mt. Pleasant Academy	Mt. Pleasant	1897 L. Antrim	3080	2	1	2	148	147	297	1	23 L. Antrim
German College	Mt. Pleasant	1873 M. E. Church	5506	4	1	56	78	76	148	5	14 E. S. Havighorst
Whittier College	Salem	1868 Friends	2000	2	1	20	27	7	60	3	3 Frank H. Clark
Swedish Luth. School	Swedesburg	Lutheran			2			40	40		A. Norrbom
Howard—											
St. Joseph's	Cresco	1901 Catholic	200	2				35	25	15	16 F. Loosbrock
Holy Trinity	Protilvin	1896 Catholic	500	2				45	45		Rev. Lahomy
Assumption	Cresco	1888 Sisters of Charity		5				100	100		Sister Romi

REPORT OF THE

ABSTRACT [H]—PRIVATE DENOMINATIONAL AND HIGHER EDUCATIONAL INSTITUTIONS—CONTINUED.

Name of School	Location	When founded	Under control	Income for the year	Number of professors	Other instructors	Students in college work	Students in preparatory work	Students in other courses	Total net enrollment for year ending June 30, 1906	Grad. in college courses	Graduates in other courses	Total graduated during year	President or Principal
Humboldt— Lutheran High School Humboldt College	Bode Humboldt	1905 1906	Lutheran	1430	2 28	2	5	131		136 392	2	30	32	Chris Findahl J. P. Peterson
Iowa— Parochial School Parochial School	York Twp Conroy	1898 1905	Ev. Lutheran Ev. Lutheran	500	1 1	1 1				76 27			12	H. A. Stotpher Anna Balmhoefer
St. John's Luth. School St. John's Paro. School	Lincoln Twp Iowa Twp.	1898 1899	Lutheran German Lutheran	700	2 1					76 47			18	Otto Klitzmann J. W. Hild
Jasper— Newton Normal and Commercial College	Newton	1848	Private							130				G. F. Rinehart
Jefferson— Parsons' College Pleasant Plain Academy Fairfield Academy	Pleasant Plain Fairfield Fairfield	1876 1875 1902	Presbyterian Friends R. A. Harkness	1100	10 2 1	7 1 1	70 22 25	43 22 25	119 37 37	214 59 62	14 4	1	15	W. Parsons Clinton D. Green R. A. Harkness
Johnson— Iowa City Academy St. Mary's School St. Peter's School State University of Iowa	Iowa City Iowa City Congrove Iowa City	1892 1901 1847	Private Catholic State of Iowa	28500 50000	1 7 77	5 4 106	52 48 19	52 48 19	90 152 79	142 205 98	22 6	22	25	W. A. Willis A. J. Schulte F. J. Smith Geo. E. MacLean
Keokuk— St. Elizabeth	Harper	1888	Sisters of Charity	5000						130				Sister M. Leonard

County	Year	Organization	Location	Assets	Liabilities	Net Worth	Members	Officers
Kossuth	1900	Bancroft ..	Catholic	40	8	32	1	7 A. J. Schemmel
	1892	St. Joseph ..	Catholic	232	1	231	4	17 M. Rummels
	1902	Whittemore ..	Catholic					2 E. L. Dullord
	1898	Whittemore ..	German Lutheran		1			11 W. Faulstich
	1905	Lotts Creek ..	German Lutheran	400	1	399		16 M. Fuerstenan
	1843	Denmark ..	Trustees	2400	4	2396		3 R. L. Bird
	1855	Mt. Vernon ..	Methodist Episcopal	47450	12	47438		74 Wm. F. King
	1881	Cedar Rapids ..	Presbyterian	28137	14	28123		34 W. W. Smith
	1876	Cedar Rapids ..	Catholic		14			9 Sister M. Gertrude
	1892	Cedar Rapids ..	Catholic		8			4 F. J. Sullivan
Linn	1903	Cedar Rapids ..	Catholic		2			Sister Langore
	1879	Cedar Rapids ..	Catholic		10			16 A. N. Palmer
	1879	Marion ..	Catholic		4			Sisters of Mercy
	1873	Oskaloosa ..	Stockholders	15824	10	15814		20 A. Rosenberger
	1902	Oskaloosa ..	Board of Trustees		5			15 Charles J. Burton
	1886	Marshalltown ..	Private	1200	3	1197		20 W. H. Gilbert
	1871	Minerva Twp ..	Lutheran	12785	1	12784		6 A. J. Boehm
	1889	LeGrand ..	Christian		4			2 C. Summerbell
	1891	LeGrand Twp ..	Friends		1			2 Helen Tostenson
	1878	Marshalltown ..	Catholic	400	3	397		6 Mother M. Francis
Marion	1895	Haverhill ..	Catholic					J. M. Schluente
	1853	Pella ..	Board of Trustees	500	7	493		13 L. A. Garrison
	1905	Dallas Twp ..	Catholic		1			J. Raugger
	1870	Dallas Twp ..	Ger. Evan Lutheran		7			T. W. Heinke
	1863	Osage ..	Baptist	4785	7	4778		7 George M. Potter
	1887	St. Ansgar ..	Lutheran	3295	4	3291		10 Ivan Ramseth
	1902	New Haven ..	Roman Catholic	Char	0			5 Thos H Barry
	1876	Stacyville, Iowa	Roman Catholic	500	1	499		T. John Narbers
	1886	Muscatine ..	Private	1300	1	1299		50 R. W. Leverich
	1886	Muscatine ..	Private					
Mahaska	1892	Penn College ..	Christian College					
	1892	Iowa Christian College						
	1892	Central Iowa Business College						
	1892	Luth. Parochial School						
	1892	Palmer College						
	1892	Stravanger Boarding School						
	1892	St. Mary's Institute						
	1892	St. Mary's School						
	1892	Central College						
	1892	St. Joseph's School						
Mitchell	1892	German Evan. Lutheran						
	1892	Cedar Valley Seminary						
	1892	St. Ansgar Seminary						
	1892	St. Mary's Academy						
	1892	St. Mary's Paro. School						
	1892	Stacyville, Iowa						
	1892	Muscatine ..						
	1892	Muscatine ..						
	1892	Muscatine ..						
	1892	Muscatine ..						

ABSTRACT (H)—PRIVATE DENOMINATIONAL AND HIGHER EDUCATIONAL INSTITUTIONS—CONTINUED.

Name of School	Location	When founded	Under Control of	Income for the year	Number of professors	Other instructors	Students in college work	Students in preparatory work	Students in other courses	Total net enrollment for year ending June 30, 1906	Grnd in college courses	Graduates in other courses	Total graduated during year	President or Principal
St. Mathias St. Mary's	Muscatine Muscatine	1851 1880	Sisters of Charity Franciscan Sisters	Voln 800	8	4				200 150		3	3	Sister M. Felicitas J. J. Grieser
O'Brien— St. John's Evan. Luth.	Paullina, R. No. 2	1878	Evan. Lutheran	1000	2				100			17	17	H. G. Moffer
Oceola— Evangelical Lutheran St. Joseph's Evan. Luth. Zion	May City Ashton Horton	1865 1889 1895	Evan. Lutheran Catholic Evan. Lutheran	450 800	1 1 1	6 1 1		63 225 45				6	12 6 14	B. O. Richter J. F. Hoffman Chas. Daumler
Page— Amity College Western Normal College	College Springs Shenandoah	1855 1887	Undenominational Independent	800	11 18	1 4	17 40	41 150	132 610	190 800	2 4	5 70	7 80	R. J. Campbell, D.D. J. M. Hussey
Pale Alto— St. Mary's St. Mary's St. Peter and Paul	Emmettsburg Mallard West Bend	1889 1901 1899	Catholic Catholic Catholic	Free Free Free		7 2 3		92	80	205 70 147			7 2 8	Sister Mary Emily Sister Mary Ida St. Mary Concordia
Plymouth— Western Union College St. Mary's St. Catharine	LeMars Remsen Oyone	1900 1888 1900	Evangelical Catholic Catholic	7849 625	9 6 3	2 6 3	8 0 4	17 0 4	132 877 90	157 233 103	0	18 2	23 2	H. H. Thoren Sr. M. Petronilla Henry Rolten
Polk— Highland Park Drake University Des Moines College	Des Moines Des Moines Des Moines	1880 1881 1885	Board of Directors Christian Baptist	18269 70800	41 100 13	12 10 12	52 494 70	70 252 50	2097 018 45	2148 1024 108	2 42	200 172	207 215	O. H. Longwell H. M. Bell Loran D. Osborne

Year	Name	Age	Sex	Religion	Occupation	Address	Marital Status	Spouse	Children	Notes
1896	Des Moines	18	M	Catholic	Sisters of Charity	Des Moines	Married	Emil Enna	10	
1895	Des Moines	18	M	Catholic	Sisters of Charity	Des Moines	Married	M. Clementine	7	
1895	Des Moines	18	M	Catholic	Sisters of Charity	Des Moines	Married	Sr. Mary Everilda	6	
1890	Des Moines	18	M	Catholic	Sisters of Charity	Des Moines	Married		3	
1896	Pocahontas	18	M	Catholic		Pocahontas	Married	W. A. Pope	3	
1871	Council Bluffs	18	M	Catholic	Sisters of Charity	Council Bluffs	Married	M. Bertrand	2	
1890	Council Bluffs	18	M	Catholic	Sisters of Charity	Council Bluffs	Married	P. Smith	13	
1892	Neola	18	M	Catholic		Neola	Married	H. A. Drexler	2	
1893	Council Bluffs	18	M	Catholic		Council Bluffs	Married	P. Herman	2	
1892	Council Bluffs	18	M	Catholic		Council Bluffs	Married	H. R. Leinen	5	
1894	Council Bluffs	18	M	Catholic		Council Bluffs	Married	E. P. Miller	6	
1847	Grinnell	18	M	Board of Trustees		Grinnell	Married	J. H. T. Main	17	
1891	Sac City	18	M	Baptists		Sac City	Married	G. W. Lee	3	
1892	Davenport	18	M	Catholic		Davenport	Married	J. T. Flannagan	4	
1894	Davenport	18	M	Catholic		Davenport	Married	Sr. Esther C. S. M.	12	
1894	Davenport	18	M	Catholic		Davenport	Married	J. Flannery	6	
1892	Davenport	18	M	Catholic		Davenport	Married	Sr. M. Christiana	27	
1870	Davenport	18	M	Catholic		Davenport	Married	J. Gusemann	4	
1901	Davenport	18	M	Catholic		Davenport	Married	E. Gusters	20	
1899	Davenport	18	M	Catholic		Davenport	Married	Mary Editha	10	
1902	Davenport	18	M	Catholic		Davenport	Married	H. A. Kuebel	11	
1904	Davenport	18	M	Catholic		Davenport	Married	Hertha Peterson	1	
1893	Davenport	18	M	Catholic		Davenport	Married	Eda M. Barrows	5	
1895	Alton	18	M	Catholic		Alton	Married	F. J. Brune	22	
1900	Granville	18	M	Catholic		Granville	Married	J. A. Gerlemann	1	
1900	Hawarden	18	M	Catholic		Hawarden	Married	Ed. Masterson	1	
1900	Hosper	18	M	Catholic		Hosper	Married	J. H. Gehling	1	
1895	Ireton	18	M	Catholic		Ireton	Married		2	
1892	Orange City	18	M	Catholic		Orange City	Married	Philip Soulen	17	
1904	Orange City	18	M	Catholic		Orange City	Married	Y. Mulder	3	
1903	Sioux Center	18	M	Catholic		Sioux Center	Married	R. Barlow	3	
1898	Ames	18	M	State of Iowa		Ames	Married	A. B. Storms	14	

REPORT OF THE

ABSTRACT (H)—PRIVATE DENOMINATIONAL AND HIGHER EDUCATIONAL INSTITUTIONS—CONTINUED.

Name of School	Location	When founded	Under Control of	Income for the year	Number of professors	Other instructors	Students in college work	Students in preparatory work	Students in other courses	Total net enrollment for year ending June 30, 1908	Grad. in collegiate courses	Graduates in other courses	Total graduated during year	President or Principal
Tama— Sac and Fox Indian Sch Leander Clarke College St Mary's School	Toledo Toledo Tama	1897 1856 1895	U. S. Government United Brethren Sisters of St. Frances	13300 7728 430	7 8 3	11 8 3	51 33 3	33 33 3	82 233 120	82 225 120	7 13	13	20	W. G. Malin Sirus J. Kephart Sr. M. Margaret
Union— Crest City Bus. College St. Malachy's	Creston Creston	1894 1879	Private Catholic	1400	2	4			46 134		6	6	8	Busby & Bell Bede Durham
Wapello— Ottumwa Com. College Sacred Heart School St Joseph's Convent	Ottumwa Ottumwa Ottumwa	1888 1882 1877	Private Catholic Catholic	2005	2 8 2	8 8 2	75 150 50	75 150 50	115 174 20	460 174 75	87 21	87	21	J. W. O'Bryan F. W. Hoppman Mthr. Mary Joseph
Washington— Washington Academy St. James' St. Mary's Holy Trinity	Washington Washington Riveralde Richmond	1872 1874 1897 1855	Private Sisters of Charity Sisters of Charity Franciscan Sisters	3200 600 400	6 4 3 3	6 4 3 3	100 4 3 3	100 4 3 3	30 97 103 90	180 103 103 90	20 2	20	2	R. D. Daugherty Sr. M. Thersilla Sr. M. Sylvester Father Albers
Webster— Tobin College Elmwood School Evangelical Luth. St. Paul's School St John's School St. Mathew's School Carpus Christi Academy	Ft. Dodge Ft. Dodge Ft. Dodge Ft. Dodge Colfax Twp Ft. Dodge	1891 1901 1878 1892 1892	Independent Independent Evangelical Lutheran Evangelical Lutheran Catholic	2000	4 3 3 3 3 3	2 3 3 3 3 3	164 10 3 3 3 3	164 10 3 3 3 3	127 2 2 2 2 2	291 12 170 43 104	3 8 24 2 2	18 8 24 2 2	16 8 24 2 2	C. V. Flindley Mrs. A. O. Robertson H. C. Mueller A. H. Delatoka M. Dargatz M. A. Gorda

Winnebago— Waldorf College	Forest City	1908 Norwegian Lutheran	1900.	12	1	120	86	225	13	13 L. W. Boe	
Winnebago— Luther College	Decorah	1861 Norwegian Synod		1	1	120	86	212	13	36 C. K. Preus	
Decorah Institute	Decorah	1874 Mrs. J. Breckenridge		13	13	13	13	386	20	Mrs. Breckenridge	
Valder Bus College, Nor	Decorah	1888 C. H. Valder		5	5	200	200	325	38	38 C. H. Valder	
Immaculate Conception											
Academy	Decorah	1885 Sisters of Mercy		4	4			90		Sr M. De Sales	
St. Wenceslaus	Spillville	187. Catholic		2	2			75		P. P. Kloss	
St. Francis De Sales'	Ossian	1884 Catholic	800	6	6	13	24	150		C. B. Lechtenberg	
St. Mary's School	Festina	1876 Catholic		4	4			152		A. J. Rubly	
St. John's School	Ft. Atkinson	Sister St. Francis	600	5	5	10	10	140	2	F. K. Koecky	
Norwegian Evan Luth	Decorah	1903 First N. E. L. Church	900	3	3			107		F. B. Farrison	
St. Alloysius School	Calmar	1911 Catholic		1	4	100	100	100	3	Father Ryan	
Woodbury											
Morning Side College	Sioux City	1896 M. E. Church		25	5	218	85	803	19	3 Wilson S. Lewis	
National Bus College	Sioux City	1902 Rural Text-Bk. Co. of Ia	1000	2	4		75	150		6 A. T. Bennett	
Cathedral School	Sioux City	1881 Roman Catholic		12			75	150	12	Sr M. Lombertla	
St. Patrick's School	Danbury	1887 Roman Catholic		5	5		85	23	5	Timothy Meagher	
St. Joseph's Select Sch	Salix	1892 Sisters of St. Joseph	1200	1	6		52	46		Fr. J. A. Griffin	
Wright											
Sacred Heart School	Eagle Grove	1901 Dominican Sisters					24	150	4	Sister Etheburt	
Total			181487786	1050	956	3849	9486	14650	43452	9782172	3807

Number reported. 251.

Number reported, 251.

Grinnell	Eugene Henely	1,000	4,084	9	12	1,404	1,206	1,002	71	83	153	183	9	17	1	90.00	30	54.50
Independence	Edw'n Dukes	1,500	3,883	9	12	1,027	703	648	53	92	68	104	10	32	1	50.00	29	48.27
Indianola	O E Smith	1,350	3,396	9	12	1,062	853	708	67	81	96	156	13	27	1	50.00	16	42.50
Iowa City	S K Stevenson	1,600	8,497	9.5	12.5	2,195	1,686	1,235	50	65	312	240	57	38	10	95.00	41	68.00
Iowa Falls	H D Blackmar	1,500	3,439	9	12	915	754	592	65	79	63	84	11	9	1	75.00	19	50.79
Keokuk	Wm Aldrich	1,500	14,604	9	12	4,042	2,258	1,893	44	53	123	197	18	28	5	103.59	50	58.20
Knoxville	S G Richards	1,200	3,104	9	12	795	812	613	81	80	47	85	9	10	2	65.00	18	44.45
Le Mars	T B Fulton	1,750	5,041	9	12	1,437	935	715	50	77	74	87	10	16	2	87.15	26	50.57
Lyons	I R Bowman	1,500	3,065	9.5	12	1,093	1,191	883	43	74	58	110	8	22	3	71.83	23	48.83
Maquoketa	Aaron Palmer	1,500	4,112	9	12	1,092	806	746	77	88	55	109	7	11	3	71.83	23	41.95
Marion	G F Finch	1,500	4,112	9	12	1,090	887	742	82	84	79	104	8	14	1	70.00	23	51.52
Marshalltown	Elmer E Coffeen	1,300	12,043	9	12	2,415	2,524	2,057	83	81	185	243	13	21	3	75.06	68	53.75
Mason City	W A Brandenburg	1,800	9,357	9	12	2,092	1,705	1,324	63	77	167	171	13	37	4	62.50	43	48.55
Missouri Valley	I H Beveridge	1,600	3,380	9	12	965	84	607	73	82	57	87	7	12	2	72.50	21	49.01
Mount Pleasant	Bruce Francis	1,400	3,576	9	12	1,079	876	672	63	78	52	67	4	10	1	75.00	23	46.35
Muscatine	W F Chevalier	1,800	15,067	10	13	4,411	2,778	2,305	50	79	114	139	3	20	3	91.98	72	53.50
Newton	E J H Beard	1,500	4,308	9	12	1,178	825	793	67	80	57	108	10	25	1	40.00	23	49.59
Oelwein	L R Moffatt	1,500	5,032	9	12	1,065	1,271	907	58	71	43	88	8	13	1	40.00	23	47.00
Oskaloosa	F W Elser	1,600	10,303	9	12	3,182	2,409	1,781	56	74	146	187	5	12	9	80.43	47	51.25
Ottumwa	A W Stuart	2,000	20,181	9.5	12	5,274	4,534	3,562	83	79	187	256	17	38	4	105.26	114	50.13
Oak Park	H W Payne	900	4	9	12	603	470	320	77	78	25	39	7	8	1	55.00	13	48.54
Perry	W B Thornburgh	1,200	4,179	9	12	1,104	1,070	830	77	78	72	80	9	19	1	35.00	27	46.66
Red Oak	G S Dick	1,800	4,907	9	12	1,461	1,247	945	65	76	119	154	10	25	5	75.00	30	50.02
Shenandoah	H E Wheeler	1,350	4,242	9	12	1,205	1,023	789	65	77	54	77	7	12	1	90.00	25	48.08
Sioux City	W M Stevens	2,400	40,952	9	12	14,779	14,779	6,212	42	42	763	1	22	41	18	99.92	187	62.59
Spencer	A H Avery	1,350	3,187	9	13	855	775	618	64	78	51	68	1	8	3	71.06	19	46.66
Vinton	A M M Vornon	1,400	3,487	9	12	928	674	552	60	82	64	70	6	13	2	67.50	17	46.18
Washington	R B Crone	1,800	14,459	9	12	1,863	1,030	845	62	81	73	118	9	16	3	105.53	20	51.00
Waterloo, E	H H Savage	1,800	1	9	12	3,174	2,179	1,650	52	76	118	168	15	18	5	113.12	62	57.27
Waterloo, W	A T Hickill	1,700	1	9	12	1,740	1,430	1,105	52	64	72	133	6	7	1	60.00	38	55.10
Waverly	W F Cramer	1,600	3,353	9	12	907	622	468	49	71	40	59	10	3	1	60.00	18	46.94
Webster City	L H Ford	1,800	4,797	9	12	1,247	1,076	798	64	74	67	105	11	16	1	60.00	25	50.80

* Included in Clinton; Population of Clinton, 22,756.
† Included in Des Moines; Population of Des Moines, 75,820.
‡ Included in Waterloo; Population of Waterloo, 18,571.

COMPARATIVE SHOWING FOR 1905-1906.

CITIES HAVING POPULATION OF MORE THAN 1,500 AND LESS THAN 3,000.

Cities	City Superintendent 1905-1906	Salary per annum	Population 1906	Number months school	Number of years in course	Enrollment June 1906	Attendance June 1906	Attendance upon enumeration	Attendance upon enrollment	Enrollment High School		Number of Teachers' Grades 1906		Number of Teachers' Employed and Average Salary, not including Superintendent or Principal		Salary per month
										Males	Females	Males	Females	Males	Females	
Anamora	C. E. Buckley	1,300	2,878	9	12	926	561	537	78	43	28	5	15	1	15	44.48
Audubon	F. J. Manitz	1,000	1,764	9	12	560	538	387	72	52	60	4	18	1	13	49.61
Avoca	M. E. Crozier	1,350	1,815	9	12	519	414	367	88	30	49	1	11	1	12	49.17
Bedford	F. E. Howard	1,200	1,996	9	12	540	543	470	87	37	57	4	7	1	14	57.50
Belleville	B. S. Asquith	900	1,688	9	11	597	268	212	36	10	25	2	8	7	7	48.00
Bloomfield	Wilbur York	900	2,031	9	12	506	505	423	76	41	50	7	11	11	11	38.18
Carlton	W. H. Blakely	1,100	1,865	9	12	544	400	400	82	39	72	7	12	11	11	47.47
Clear Lake	F. W. Hicks	1,100	1,636	9	12	508	500	340	67	20	52	6	12	12	12	46.25
Colfax	Milo Hunt	1,200	2,553	9	12	606	606	443	53	33	42	3	14	14	14	48.40
Corning	J. W. Fowler	1,200	1,943	9	12	554	612	470	85	47	62	3	9	2	16	48.62
Corydon	W. L. Pugh	1,200	1,660	9	12	470	504	387	82	58	70	5	11	4	8	38.12
Cresco	L. E. A. Ling	1,400	2,931	9	12	636	585	484	83	34	53	9	5	17	17	47.78
DeWitt	Margaret Buchanan	910	1,608	9	11	437	278	213	73	21	38	1	9	7	7	46.00
Eldon	O. S. Fulton	810	2,316	9	12	618	542	429	79	9	45	1	6	1	12	40.58
Elmira	A. J. Cavana	1,250	2,278	9	12	651	574	453	70	59	73	6	5	13	13	53.40
Emmetsburg	E. C. Meredith	1,200	2,542	9	12	741	636	404	55	43	57	8	12	1	14	49.65
Forest City	A. P. Heald	1,100	1,665	9	13	538	408	392	73	24	42	5	11	2	12	48.68
Glenwood	L. C. H. Mans	1,300	2,506	9	12	678	679	573	57	37	76	4	14	16	16	45.13
Guttenburg	C. F. Pye	900	1,678	10	12	675	300	255	87	17	36	2	6	9	9	42.50
Hampton	J. E. Clayton	1,200	1,767	9	12	607	536	416	69	30	50	6	4	13	13	46.85
Harlan	O. W. Maxwell	1,400	2,800	9	12	772	650	532	70	60	73	6	11	1	17	50.74
Hawarden	O. W. Herr	1,350	2,645	9	12	773	736	576	75	73	60	11	11	18	18	51.32
Humboldt	S. T. May	1,300	2,019	9	12	622	549	512	62	68	68	5	4	15	15	49.05
Ida Grove	C. S. Corey	1,100	1,637	9	12	440	417	321	80	25	67	6	8	11	11	49.00
Jefferson	R. S. Whitley	1,400	2,029	9	12	703	618	523	74	80	85	13	12	16	16	48.52
Lake City	F. E. Palmer	1,500	2,456	9	13	784	684	576	78	74	111	12	21	16	16	50.42
Lamon	Theodore J. Saam	1,200	2,322	9	13	623	601	451	72	46	95	3	6	15	15	50.00
Lansing	Ed L. Kelly, Jr	1,000	1,943	9	13	467	410	335	73	35	35	4	3	9	9	45.00
Leon	W. H. Ray	1,000	1,580	9	12	516	205	234	65	29	53	4	3	7	7	42.14
Manchester	J. M. Pierce	1,000	2,077	9	12	613	509	394	60	46	63	0	7	0	0	40.64
Manchester	Amy Rogers	1,200	2,078	9	12	611	600	503	73	70	60	9	0	16	16	44.53
Marengo	C. H. Carson	1,600	2,072	9.6	13	668	666	443	64	34	64	4	13	1	14	50.00

GRADED SCHOOLS.

Name of Town	Population 1905	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enroll-ment for year ending June 30, 1906	No. graduated in year ending June 30, 1906	No Teachers' Employed and Average Salary, not including Superintendent or Principal			
							Total	High school	Males	Salary per month	Females	Salary per month
Abingdon		Paul Mowery	\$ 400.00	8	8	92	84				1	\$ 30.00
Ackley	1481	W. H. Lancelot	1,200.00	9	15	461	338	43	6	1	9	17.22
Adair	961	Will J. Cattell	900.00	9	13	270	284	54	10		6	47.50
Adel	1338	J. W. Graham	1,200.00	9	12	433	407	64	11		11	45.22
Afton	1058	George D. Eaton	900.00	9	12	347	311	66	9		8	43.82
Agency	300	C. F. Goltzery	700.00	8.5	12	190	185	46	13		6	42.44
Alnsworth	421	R. S. Dix	637.50	8.5	11	164	148	35	3		3	44.73
Akron	1125	O. J. Smith	720.00	9	11	429	328	48	8	1	45.00	45.00
Albert City	202	F. L. Olson	485.00	9	8.5	64	48	25			1	40.00
Albion	424	F. H. Figert	720.00	9	12	211	214	45	3		5	48.34
Alden	775	Macy Campbell	720.00	9	12	336	220	57	10		6	40.55
Alexander		Edith B. Anderson	450.00	9	9	107	72	35			1	40.00
Allerton	903	J. F. Holiday	900.00	9	13	282	341	142	16	1	50.00	36.00
Allison	503	J. P. Street	585.00	9	12	161	143	22	2		4	39.75
Alta	961	L. D. Curtis	900.00	9	12	277	180	68	15		6	44.17
Alton	1048	F. E. Fuller	720.00	9	12	432	172	18	4		6	45.00
Altoona	502	W. H. Reed	675.00	9	10	134	142	7			2	55.00
Alvord	274	Lillie Laughlin	540.00	9	9	121	105	20	9		2	45.00
Andrew	390	George Delaney	585.00	9	10	87	94	25	15		2	35.00
Angus		H. S. Crowder	450.00	9	8	140	84	38			1	37.50
Anita	975	H. W. Chehock	900.00	9	12	302	300	54	8		5	40.79
Ankeny	306	W. K. Wood	475.00	9	10	112	117	44			4	45.00
Anthon	906	Paul J. Scarboro	810.00	9		220	221	33	5	1	20.00	47.50
Applington	441	A. C. Voelker	810.00	9	11	188	132	22	4		3	44.15
Arcadia	462	Ernest Wacker	675.00	9	11	210	66	13	2		2	45.00
Arlington	837	G. L. Rawson	810.00	9	12	287	246	41			6	35.33
Armstrong	700	O. E. Dixon	875.00	9	11	360	241	40	13		6	47.50
Arnold's Park	229	H. W. Herrick	500.00	9	11	84	72	35			1	45.00
Ashton	526	J. L. Shearer	675.00	9	11	246	52	9	3		3	45.00
Aspinwall		Frances De Witt	380.00	9	9	53	47	22			1	35.00
Atkins		Geo. W. Fellows	477.00	8.5	10		96	30	9		2	35.00
Auburn	814	Wm. Wendt	495.00	9	11	141	137	26	1		3	40.00
Aurelia	684	Chas. D. Curtis	720.00	9	11	221	162	38	8		5	45.00
Aurora	616	Lucas B. Francis	450.00	9	10	104	104	34	6		2	38.25
Avery		Anna M. Mahon	480.00	9	8	151	125				2	40.00
Avershire	836	De la Grange	480.00	9	10	130	108	39	1		2	40.00
Badger	242	Susanna Evenson	266.00	7	8		61		1		1	35.00
Bagley	338	C. E. Franklin	630.00	9	11	135	106	38	8		3	45.00
Baldwin	291	D. S. Welch	720.00	9	10	123	117	18	3		3	35.00
Bancroft	801	Ed. I. Bachus	900.00	9	12	287	146	27			5	45.00
Barnes City	273	F. W. Cover	585.00	9	12	194	108	28			2	35.00
Batavia	523	Anna Row and	480.00	8	11	114	180	41	9		8	37.50
Battle Creek	540	W. B. Minson	720.00	9	12	195	181	39	7	1	50.00	44.50
Baxter	520	H. A. Crawford	907.50	9	11	169	149	30	6		3	43.34
Bayard	455	J. M. Roggs	720.00	9	12	163	131	44	24	1	45.00	40.00
Beacon	675	J. P. McMurray	630.00	9	10	286	220	20	9		4	30.33
Beaconsfield	176	W. E. Butcher	360.00	8	8	60	76	34			1	30.00
Beaman	227	C. E. Stahl	540.00	9	10	66	90	15	6		3	40.00
Belknap		C. G. V. rhis	270.00	9	9	51	64				1	35.00
Belmont	1208	Frank C. Popham	1,200.00	9	12	321	280	35	3		10	44.50
Bennett	256	Wm. W. Graham	540.00	9	8	85	70				2	45.00
Bentonsport	201	R. M. Story	455.00	7	8	68	57				1	35.00
Birmingham	551	F. S. Hill	640.00	8	12	151	195	28	4	1	40.00	37.25
Blairsburg	195	W. W. Miller	780.00	9	10	104	88	16	4		2	45.00
Blairstown	594	R. A. Palmer	765.00	9	12	193	170	59	7		4	48.75
Blencoe	266	L. Amylie	540.00	9	9	147	121	26	9		4	40.00

SUPERINTENDENT OF PUBLIC INSTRUCTION

133

GRADED SCHOOLS—CONTINUED.

Name of Town	Population 1906	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906		No. Teachers' Employed and Average Salary, not including Superintendent or Principal	No. graduated in year ending June 30, 1906	Males	Salary per month	Females	Salary per month
							Total	High school						
Blockton	268	Silas Johnson	765.00	9	12	209							5	42.00
Blanchard	468	Athea Montg'm'ry	565.00	9	11	131	140	38					4	44.75
Bode	436	A. M. Russell	540.00	9	10	190	58	15					2	45.00
Bonaparte	908	J. H. Voss	810.00	9	12	208	181	48					2	41.77
Bondurant	297	Harry N. Barnes	540.00	9	10	92	96	14					2	40.00
Boyden	312	H. P. Mowrer	495.00	9	11	140	115	26					2	40.00
Braddyville	308	A. J. Quigg	540.00	9	10	97	110	23					2	42.50
Brandon	196	E. G. Lockhardt	382.50	8.5	10	78	90	4					1	40.00
Brazil		Lelah Newinan	315.00	9	8		181						1	35.00
Breda		O. C. Alexander	385.00	9	8	153	22							
Bridgewater		C. E. Geesman	540.00	9	10	134	127	22					3	35.00
Brighton	889	J. S. Goldthwaite	675.00	9	12	295	291	42			1	45.00	4	43.75
Bristow	348	W. W. Crawford	540.00	9	11	119	108	24			2		3	36.87
Britt	1410	B. W. Hoadley	1,200.00	9	13	424	344	82			10		12	48.56
Brooklyn	1207	T. M. Clevenger	1,000.00	9	12	478	313	82			11		9	50.00
Brooks		W. L. Stephens	400.00	8	10	85	70	7			2		2	30.00
Buchanan		Earnest D. Hall	391.50	9	9	122							1	40.00
Buckeye	122	L. P. Manning	504.00	9	9	46	38	3					1	40.00
Buffalo	397	A. K. Claypool	540.00	9	8	184	179				12		2	37.50
Buffalo Center	701	Ray C. Golly	720.00	9	12	379	319	40			10		7	41.78
Burr Oak		H. O. DeGraff	360.00	8	7	88	68	31					1	25.38
Burt	529	M. E. Lumbard	720.00	9	11	151	136	24			1		4	40.25
Bussey		J. W. Meyer	585.00	9	9	230	230						3	40.00
Buxton		M. J. Gilliam	600.00	8	10	63	63	7			1	37.50	9	30.00
Calamus	272	H. G. Games	540.00	9	10	90	70	7			3		2	37.50
Caledonia		Cecelia Putnam	405.00	9	10	60	36	1					1	35.00
Callender	360	W. L. Hamilton	450.00	8	9	121	75	27			4		2	38.50
Calmar	969	Gertrude Kave	807.50	9.5	11	324	197	32					4	45.00
Camanche	664	L. Ella Lukens	495.00	9	9	173	138	11			8		8	36.66
Cambridge	845	H. W. Dana	720.00	9	12	311	254	28			6	60.00	5	45.00
Cantril	416	Paul E. Wright	520.00	8	12	77	112	36			1		2	35.00
Carbon	362	Lula Morley	400.00	8	11	194	157	36					2	37.50
Carlsale	537	W. M. McGee	585.00	9	11	261	174	47			12		4	35.00
Carson	577	John S. Coye	720.00	9	11	220	196	25			8		6	50.00
Cascade	1314	C. L. Newcum	450.00	9	11	138	4				1	50.00	1	40.00
Casey	603	J. O. Huntley	765.00	9	12	224	170	39					5	42.00
Castalia	252	Bessie Allen	360.00	9	8	71	66						1	35.00
Castana	407	W. E. Atkinson	1,000.00	9	12	171	186	64			1	50.00	4	45.00
Center Junction	214	Frank W. Jones	585.00	8	10	80	80	12					2	37.50
Center Point	823	Leo H. Paulger	690.00	9	12	340	184	43			6		5	35.00
Central City	697	W. M. Taylor	765.00	9	12	183	235	67			5		6	35.00
Chabin		H. J. Henderson	540.00	9	9	79	76	5					1	45.00
Charlotte	359	Louis Greenberg	650.00	10	9	123	11	2			2		2	43.50
Charter Oak	785	W. S. Mitchell	1,000.00	9.5	12	290	259	43			9		6	47.50
Chelsea	598	H. M. Tiffany	585.00	9	12	145	133	20			6		3	36.87
Chester	287	Irving Sanford	495.00	9	9	106	94						2	37.00
Chesterfield		Eva Riat	495.00	9	5	161	142						2	40.00
Churdan	508	I. F. Bradshaw	675.00	9	11	77	185	49			7		4	41.25
Cincinnati	1282	P. B. Woods	680.00	8.5	12	404	368	81			10	45.00	4	35.00
Clarence	692	M. R. Fayram	650.00	9	12	154	143	45			3		6	45.00
Clare	351	Elizabeth Dowling	450.00	8	8	134	50						1	37.50
Clarksville	957	L. A. Reynolds	720.00	9	12	237	230	45			7	40.00	5	42.20
Clayton	149	W. S. Sharp	405.00	9	9	48	48	25					1	30.00
Clearfield	697	E. C. Heaton	720.00	9	12	219	235	69			6	42.00	5	47.00
Cleghorn	164	Earle S. Smith	403.00	9	9	78	73	7			7		1	45.00
Clemons	184	Vlasta S. Brhel	400.00	8	8	55							1	50.00
Clermont	506	F. F. Heckel	675.00	9	12	252	63	25			9		3	40.00
Coggon	506	W. L. Gater	540.00	9	10	187	173	29			11		3	38.33
Coln	546	E. A. Woodrow	630.00	9	11	213	80	57			18		4	40.63
Colesburg	286	Clarke Satterlee	510.00	9	9	92	81	28			1		1	40.00
College Springs	540	M. L. Whittaker	600.00	9	9	209	144	13			8		3	46.67
Colo	502	M. C. Morrison	630.00	9	12	155	115	23			6	70.00	3	45.00
Columbus City	423	Homer H. Winder	480.00	8	12	155	100	23			2		2	38.66
Columbus Jet.	1127	M. C. Crouch	1,100.00	9	12	344	328	102			14	70.00	7	46.71
Conrad	539	A. M. Gray	810.00	9	12	185	208	50			6	65.00	4	42.50
Conway	353	W. W. Palmer	510.00	8.5	11	108	36						3	40.00
Coon Rapids	1087	C. F. Schell	1,000.00	9	12	358	354	68			14		8	46.25

REPORT OF THE GRADED SCHOOLS—CONTINUED.

Name of Town	Population 1905	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906	No graduated in year ending June 30, 1906	No. Teachers' Employed and Average Salary, not including Superintendent or Principal
							Total	High school	Salary per month
Correctionville	956	C. B. Merricle	900.00	9		496	496	54	95.00
Corwith	528	J. R. Bagge	900.00	9	12	173	204	41	50.00
Crawfordsville	336	George Weber	630.00	9	12	142	159	24	40.00
Cromwell	236	Alfred Peterson	540.00	9	9	111	140		40.00
Crystal Lake	202	Leslie E. Bowker	360.00	9	8	71	83		35.00
Cumberland	667	R. J. Still	765.00	9	11	251	197	31	46.25
Curlew	171	Chas. Scagren	517.50	9	8	76	58		40.00
Cushing	235	Nettie Wells	550.00	9		100	100	25	48.12
Dakota City	357	E. B. Bravender	630.00	9	10	147	119	31	40.00
Dallas Center	741	W. H. Gemmill	1,250.00	9	12	295	263	71	44.17
Davis City	558	J. W. Long	520.00	8	11	225	209	54	35.00
Danbury	553	H. S. Stein	850.00	9		470	470	38	45.30
Danville	553	J. L. Packer	600.00	8	10	57	61	12	45.00
Dawson		Ruth Hall	300.00	9	10	139	106	19	35.00
Dayton	742	C. E. Kroeson	630.00	9	12	308	244	46	45.57
Decatur City	328	J. M. Howell	640.00	9	10	146	131	40	35.30
Dedham	376	Josephine I. Bruce	540.00	9	11	164	130	21	42.50
Deep River	448	M. F. Morgan	810.00	9	11	195	183	31	40.00
Defiance	332	James Seymour	630.00	9	10	133	149	38	45.00
Delaware		Daisy Le Master	450.00	9	9	112	98		
Delhi		J. C. McGee	675.00	9	9	150	125	17	38.50
Delmar	524	W. E. Rorabaugh	675.00	9	10	221	154	30	40.00
Delta	675	Clyde Workman	630.00	9	13	265	244	38	36.00
Derby	334	F. H. Riggle	450.00	9	9	124	85	13	25.00
Denver	103	Lillian Clark	300.00	9	8	119	77		
Des Moines Val.		Mrs. Mae Goldizen	380.00	8	8	126	109		35.00
De Soto	348	B. M. Cobb	675.00	9	12	140	147	30	40.00
Dewey		G. H. Getty	420.00	8	10	59	56	24	40.00
Dexter	800	D. P. Repass	900.24	9	12	229	227	51	45.79
Dickens	460	C. C. Corrington	540.00	9	9	131	83	10	40.00
Diagonal		L. M. Burgess	840.00	9	11	175	171	13	42.50
Dike	229	Harry Moore	450.00	9	8	99	80		45.00
Dixon		A. Hageboeck, Jr.	480.00	9	8	105	80		43.33
Dolliver	120	Ella M. Thompson	540.00	9	10	4	68	13	31.00
Doon	562	Fred A. Beyl	765.00	9	12	191	169	88	50.00
Dow City	641	H. D. Kies	810.00	9	12	230	231	68	51.00
Downey		W. E. Huff	420.00	7	10	62	28		45.50
Dows	904	C. H. Gilbert	810.00	9	12	231	316	76	43.43
Drakeville	220	M. F. Penrod	315.00	7	9	97	75		40.00
Dumont	562	Allice Swope	675.00	9	10	200	162	18	46.25
Duncombe	427	I. C. Lovejoy	540.00	9	11	144	120	20	40.00
Dunlap	132	George Galloway	1,140.00	9	12	502	470	65	48.00
Durant	606	F. A. Cramer	675.00	9	11	201	153	41	35.00
Dyersville	1446	W. L. Evans	700.00	10	11	644	50	5	70.00
Dysart	589	I. J. McGinity	410.00	9	12	263	90	20	37.50
Earlham	826	W. H. Monroe	1,104.00	9	12	262	339	161	60.00
Earlv	550	F. L. Kolb	785.00	9	12	200	168	37	45.00
Earlville	571	G. y. Ribble	630.00	9	11	168	180	41	40.00
East Peru	289	U. C. Husted	360.00	9	11	100	96	5	35.00
Edgewood	538	Thos. Roberts	585.00	9	12	62	209	47	35.00
Elberon	303	Louisa Rolde	450.00	9	9	117	90	20	37.50
Elgin	609	J. H. Williams	675.00	9	12	204	164	30	38.33
Elk Horn		Magnus Peterson	450.00	9	10	131	100	20	40.00
Elkport	224	T. R. Johnson	630.00	9	11	149	107	37	37.50
Elliott	522	B. F. Westcoat	600.00	9	11	188	168	50	42.00
Ellston	262	T. D. Kirkpatrick	54.00	9	11	110	118	20	44.67
Ellsworth	418	O. S. von Krog	720.00	9	10	172	131	20	45.00
Elma	944	A. R. McCook	675.00	9	10	292	231	28	40.00
Elwood		Alice French	450.00	9	9	56	85		40.00
Emerson	538	J. D. Reed	720.00	9	12	101	175	40	42.00
Elkader	1255	Robert Rienow	1,500.00	9	12	301	273	84	70.00
Epworth	571	Anna Jackson	450.00	9	12	152		3	38.75
Essex	779	M. H. White	675.00	9	11	252	225	35	44.00
Everly	400	F. B. Steece	630.00	9	11	141	111	23	40.00
Eddyville	1127	J. A. Yeager	810.00	9	12	250	207	47	43.33
Extra	829	F. A. Nims	900.00	9	12	306	231	24	
Exline	492	Otis Hughes	420.00	7	8	178	163		30.00

GRADED SCHOOLS—CONTINUED

Name of Town	Population 1906	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Total Enrollment for year ending June 30, 1906	High school	No. graduated in year ending June 30, 1906	Males	Salary per month	Females	Salary per month	No. Teachers' Employed and Average Salary, not including Superintendent or Principal
Fairbank	628	A. R. McQueen	585.00	9	12	179	113	26	4			3	41.67	
Fairfax		Alta M. Dice	450.00	9	10		76	25	0			2	40.00	
Farley	509	Mary Rourke	600.00	9	9	235		18	2			4	43.25	
Farmersburg	195	A. F. Rogers	510.00	8	9	104								
Farmington	1342	A. S. Owen	880.00	8	12	335	302	70	18			1	38.03	
Farnhamville	330	O. E. Hibbs	880.00	9	10	112	110	11				2	40.00	
Farragut	541	C. F. Beale	800.00	9	12	188	190	40				5	42.00	
Fayette	1108	J. E. Moore	1,080.00	9	12	281	338	64	10	1	45.00	7	44.17	
Fenton	179	M. G. ret Dorweller	450.00	9	10	73	77					1	45.00	
Ferguson		Ida Reimer	330.00	8		90	70					1	37.00	
Fertile		Laurance Severson	348.00	8	10	94	77	22	2	1	45.00	1	40.00	
Floris		A. B. Nerry	400.00	8	9	102	75					1	35.00	
Floyd	331	E. A. Sheldon	675.00	9	11	98	94	35				2	35.00	
Fonda	1009	W. W. Bell	855.00	9	12	277	207	80	12			7	45.43	
Fontanelle	847	Frank Lindeman	810.00	9	12	292	208	51	7			6	42.50	
Ft. Atkinson	288	W. A. Daskam	405.00	9	8	182	46					1	35.00	
Foster		John H. Hickman	480.00	8	8	157	110			4		1	45.00	
Frankville		B. Post	200.00	8	8	70	46			1	36.00			
Fraser	1248	J. R. Curry	585.00	9	10	352	258	35				5	37.50	
Fredericksburg	48	Bess Rowe	540.00	9	10	215	105	22	5			3	40.00	
Fremont	526	Chas. Young	600.00	8	10	180	123	28	2			4	37.50	
Frederika	171	Bertha Johnson	300.00	9	8	87	78					1	33.33	
Galt	150	H. E. Bowman	540.00	9	8	79	67					1	40.00	
Galva	399	F. L. Renshaw	810.00	9	12	191	160	40	5			6	47.50	
Garden Grove	630	A. L. Lyons	810.00	9	12	207	210	53	3			6	42.50	
Garden Hill		J. A. Beard	675.00	9	9	318	217	7				6	43.71	
Garnaville		W. E. Lockridge	480.00	9	10	124	95	26						
Garner	1200	W. J. Jerome	1,000.00	9	12	428	354	82	15	1	50.00	9	43.33	
Garrison	504	E. R. Hutchinson	720.00	9	12	188	155	34	1		52.50	2	40.00	
Geneva	120	R. M. Roberts	495.00	9	10	73	61	17	5			1	40.00	
George	463	F. F. Gilman	630.00	9	11	153	145	21	4	1	50.00	2	50.00	
Germania	381	F. T. Hansen	540.00	9	10	129	160	44				3	42.50	
Gibson		C. W. Moore	480.00	8	10	78	78	10	5			2	37.50	
Gifford	99	Carrie Fouts	335.00	8	8	74	68					1	35.00	
Gilman	504	D. A. Tisdale	675.00	9	11	169	160	30	9			4	47.50	
Gilmore City	679	L. A. Wilson	675.00	9	11	140	261	68	17			5	41.00	
Garwin	440	E. M. Wilcox	630.00	9	12	139	92	31	6			3	40.00	
Gladbrook	882	H. B. Shoemaker												
		& A. C. Morrison	810.00	9	12	345	277	66	11	1	50.00	5	44.82	
Glidden	818	W. W. Alchley	900.00	9	12	274	315	70	12			7	40.00	
Goldfield	578	O. H. Benson	810.00	9	12	252	289	70	14			6	47.08	
Goddell	245	Carl Williams	540.00	9	10	104	98	34				2	40.00	
Gowrie	787	C. E. Cavett	720.00	9	12	225	224	43	13			5	41.20	
Graettinger	462	F. H. Dawson	445.00	9	10	189	161	21	4			3	40.00	
Grafton	461	Mary Curran	387.00	9	8	117	78					1	40.00	
Grundy Center	1378	C. L. Love	1,200.00	9	13	412	400	122	5	1	60.00	11	42.11	
Grand Mound	405	M. M. Ries	585.00	9	9	145	117					2	32.50	
Grand Junction	1068	T. R. Amle	900.00	9	12	370	208	50	4			6	48.75	
Granger	150	Walton Kinzer	480.00	9	10	118	132	30				2	40.00	
Grand River	334	H. L. Cosmer	500.00	8	10	124	140	35		1	35.00	2	35.00	
Grant		C. M. Neveln	585.00	9	10		23	28	8			2	40.00	
Grant City	195	Mary Hutchinson	380.00	9	8	84	74	56				2	40.00	
Granville	386	R. M. Lampman	540.00	9	10	160	41	4	4			1	40.00	
Gravity	559	Paul Dale	540.00	9	10	140		10	2			4	40.00	
Gray	191	A. J. Albin	540.00	9	11	51	65	25	4			2	40.00	
Greeley (Buchanan Co.)		Anna Moloney	405.00	9	12	180	118	32	6			3	40.00	
Greeley (Delaware Co.)	416	Hugh Curran	585.00	9	11	124	178	17	2			3	40.00	
Greene	1224	Benj. Boardman	950.00	9	12	301	332	84	9			8	47.50	
Greenfield	1445	P. F. Sullivan	1,150.00	9	12	401	398	80	8	2	40.00	9	45.50	
Grimes	355	H. F. Bestor	520.00	8	11	189	160	28	1			3	41.67	
Griswold	992	G. U. Gordon	900.00	9	13	251	260	52	6			6	47.08	
Guthrie Center	142	C. V. Williams	1,000.00	9	12	410	300	54	11	1	70.00	9	45.00	
Guernsey	124	R. H. Griffith	440.00	8	10	65	67	30				1	40.00	
Hartwick	120	J. M. Ireland	810.00	9	11	52	67	27	3			1	35.00	
Horton	100	E. E. Smith	380.00	9	8	52	48					1	35.00	

REPORT OF THE GRADED SCHOOLS—CONTINUED.

Name of Town	Population 1906	Superintendent or Principal 1906-1908	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906	No. graduated in year ending June 30, 1906	No. Teachers Employed and Average Salary, not including Superintendent or Principal			
							Total	High school	Males	Salary per month	Females	Salary per month
Hamilton	542	S. B. Wolfe	440.00	8	10	264	234				3	40.00
Hancock	283	Kate Renshaw	540.00	9	9	102	77	14			2	45.00
Hanlonton	156	Nellie Stephens	360.00	8	9	47	45	6			1	45.00
Hardy	174	Inez Overholt	450.00	9	10	76	50	9	2		1	40.00
Harris	235	Siphorus Gates	540.00	9	10	72	72	2			1	50.00
Hartford		C. E. Shepherd	277.50	7.5	9	92	73				1	32.00
Hartley	1015	Willis J. Bell	1,000.00	9	12	334	317	60	8		10	47.78
Hastings	417	A. E. Tipple	630.00	9	11	110	123	18	5	1	2	45.00
Havelock	314	Thos. Dunn	675.00	9	12	122	106	23			3	45.00
Hawkeye	535	E. C. Preston	675.00	9	12	224	141	42	8		3	36.67
Hayesville		Elizabeth Thorn	360.00	8	10	66	77				1	40.00
Hayfield		Lillian Lachore	360.00	9	8	83	71				1	45.00
Hedrick	1009	H. F. Young	675.00	9	12	340	279	60	1	6	6	34.14
Henderson	280	R. E. Davenport	630.00	9	11	86	60	26	5		3	35.00
Hesper		Hugo C. Moeller	540.00	9	10	96	96		4		2	40.00
Hillsboro		J. W. Roberts	480.00	8	9	82	94	13			1	35.00
Hillsdale	226	R. D. Nelson	450.00	9	10	109	81	22	1		1	50.00
Hiteman		L. W. Pike	810.00	9	12	620	461	49			1	36.43
Hocking		N. F. Castle	477.00	9	8	442	292				2	20.22
Holland	159	R. C. Halek	360.00	9	6	107	54				1	35.00
Holstein	906	R. A. Griffin	1,102.00	9	12	325	272	40	7	1	6	44.44
Hopeville	136	Cora E. Welch	272.00	7.5	8	69	51				1	36.25
Hopkinton	516	E. F. Bean	675.00	9	11	247	203	33	4		4	40.50
Hornick	263	W. H. Shipley	540.00	9	12	123	123	28	4	1	4	40.00
Horton		I. E. Smith	360.00	9	8	52	43				1	35.00
Hospers	506	Win. H. Branch	600.00	10	8	215	137	46	6		2	44.25
Hubbard	594	George A. Glenn	774.00	9	12	229	191	32	4		6	45.00
Hudson	352	Louise Lamb	540.00	9	9	167	72	16			2	40.00
Hull	728	S. T. Nevein	900.00	9	12	309	246	46	11		6	50.00
Humeston	688	Inez F. Kelso	745.00	9	12	303	252	53	5	1	5	45.00
Imogene	280	O. K. Busby	495.00	9	8	95	88				1	42.80
Inwood	613	B. L. Bankart	765.00	9	12	191	173	40	3		3	45.00
Ionia	318	R. Carl	540.00	9	12	145	125	36	7		3	45.00
Ireton	599	Roy F. Hannum	675.00	9	11	207	162	27	7		5	50.00
Irwin	315	Carl Misseldin	585.00	9	10	140	115	28	8		3	45.00
Jamaica	413	E. C. Kinney	540.00	9	10	140	123	31			3	45.00
Janessville	209	V. G. Behrens	540.00	9	9	76	75				1	40.00
Jerome		I. W. Bolin	350.00	7	8	150	105				2	33.75
Jesup	660	C. L. Shavers	720.00	9	11	182	143	23	13		4	41.25
Jewell	933	A. R. Gardner	720.00	9	12	275	247	48	5	1	3	44.50
Jolley	235	I. M. Bankerton	540.00	9	11	104	80	24	1		2	40.00
Kalona	516	E. Ackerman	630.00	9	12	181	155	26	5		4	42.95
Kamrar	269	Charlotte Green	405.00	9	9	137	115	25			2	25.00
Kanawha	290	Geo. H. Mount	675.00	9	11	125	91	13	1		2	45.00
Kearlerton	592	I. H. Linton	635.00	9	12	162	182	61	0		5	40.00
Kellogg	592	F. M. Phillips	675.00	9	12	175	144	31	6	1	3	36.67
Kent	161	Les S. Francis	540.00	9	11	85	15	0	0		2	40.00
Kenett	437	A. L. Birgson	497.50	8.5	10	162	121	17	2		2	36.00
Kenwood Park	315	Marie Thanner	585.00	9	10	223	144	7			14	41.25
Keola	1024	Charles Yeager	900.00	9	12	260	267	65	7		7	42.75
Keswick		Fred Denning	600.00	8	11	137					4	40.00
Keystone	356	Harry P. Smith	750.00	10	10	143	114	46	4		2	47.50
Kierlim	199	Iva R. Craigmille	450.00	9	10	82	69	31			2	40.00
Kingsley	857	A. L. Halstead	745.00	9	12	268	278	52	4		6	46.04
Kinross	165	W. J. Wagner	540.00	9	10	66	72	11	1		1	40.00
Kirkman	212	Rolland Meyers	565.00	9	10	93	111	14	4		2	40.00
Kirkville	321	C. H. Thomas	520.00	8	10	142	121	24			3	35.00
Klenme	292	G. G. Washburn	585.00	9	9	119	97	2			2	41.00
Knowlton	276	J. S. Willey	480.00	8	10	101	106	23	5		2	40.00
Kossuth		Elba M. Parker	400.00	8	10	63	46	19			1	35.00
Keosauqua	1141	David Williams	1,000.00	8	12	307	352	68	12		7	41.67
Lacoma	550	E. Tinkle	610.00	9	11	163	183	63	8		3	41.00
Ladora	214	M. S. Mason	630.00	9	11	101	107	33	5		2	40.00
Lake Mills	148	W. W. Overmeyer	1,000.00	9	13	481	406	63	16		11	42.53
Lake Park	614	C. F. Kuehne	765.00	9	12	215	37	3			6	42.10
Lake View	585	J. R. Slacke	765.00	9	11	183	171	49	8		5	36.75
Lamont	588	P. C. Arildson	675.00	9	12	218	153	62	10		5	37.00

GRADED SCHOOLS—CONTINUED.

OWN	Population 1905	Superintendent of Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906		No. graduated in year ending June 30, 1906	No. Teachers' Employed and Average Salary, not including Superintendent or Principal			
							Total	High school		Males	Salary per month	Females	Salary per month
City	291	O. ga Hartig	450.00	9	10	142	149		4			2	30.00
		Geo. H. Schwenke	360.00	8	8	50	37		5			1	30.00
	172	T. J. Ryan	315.00	8	8	77	66					1	30.00
	1347	L. H. Minkel	1,000.00	9	11	403	248	85	15			9	45.00
	429	I. B. Hiltzler	765.00	9	12	101	166	27	7			3	48.67
	147	Jessie B. Manifold	540.00	9	9	71	71	11				1	47.50
	369	R. E. Newcomb	495.00	9	11	152	119	8				2	40.00
	783	W. H. Reeve	900.00	9	12	203	226	63	8			3	47.75
	687	D. Costigan	720.00	9.5	11	297	130	36		1		3	35.33
	772	A. I. Nauman	900.00	9	12	167	150	20	7			4	42.50
nter	227	A. B. Deahofe	540.00	9	10	44	62	18				2	40.00
	842	C. B. Adair	740.00	9	11	92	93	34	5			3	34.00
	937	E. Cavanaugh	630.00	9	11	424	276	22	6			6	37.50
	201	Joseph Bosman	360.00	8	10	117	104					1	36.00
	1040	E. E. Kuhn	900.00	9	12	372	215	65	10			8	44.37
	198	C. O. Mitchell	320.00	8	9	78	71	30				1	35.00
	262	C. B. Hightower	540.00	9	10	93	97	13				2	45.00
		J. H. Dutton	720.00	9	11	130	121	44	11			3	40.92
	646	Richard A. Smith	675.00	9	12	232	230	54	5			3	43.00
		W. B. Barger	320.00	8	9	40	47		4			1	30.00
ngs		Edward Ward	400.00	8	9	98	90					1	35.00
	469	F. A. Welch	720.00	9	12	203	205	66	12			5	40.00
	329	T. M. Prall	385.00	9	12	84	123	40	6			4	42.50
	818	O. H. Holen	810.00	9	11	240	214	35	8	8	41.00	2	48.75
		John Butler	600.00	9	11	153	143	39	5			3	40.00
	948	P. W. Peterson	1,050.00	9	13	254	202	71	7			6	45.83
	366	M. M. McFee	630.00	9	11	133	120	32	6			3	45.00
	382	A. J. Donald	675.00	9	11	146	104	23	7	1	50.00	2	45.00
	427	E. D. Leonard	585.00	9	12	144	141	28	8			3	36.67
	599	J. A. Eckenrod	675.00	9	12	218	188	50	9			6	40.00
ck	1879	Chas. E. Blodgett	1,200.00	9	12	423	466	76	7			11	48.18
	628	W. L. McDiarmid				157				1	83.83	6	42.31
		Ellis C. Hartshorn	540.00	9	11	87	93	9				2	42.50
	627	Amos Huffman	720.00	9	11	169	176	42	12			4	43.75
	722	J. F. Groves	720.00	9	12	208	175	24	7			5	45.50
	507	G. E. Farley	855.00	9	10	178	160	29	10			3	43.33
	473	N. J. Hibbs	600.00	8	10	210	215	15	5			3	38.33
	612	B. S. Longerbeam	675.00	9	10	239	164	12	2			3	40.00
	285	E. K. Graessle	540.00	9	8	92	77					1	45.00
	1198	I. W. Miller	765.00	9	11	454	314	28	9			6	36.66
in	562	Ward Hanna	720.00	9	11	149	108	30	5			4	43.50
	463	A. T. Gifford	675.00	9	11		153	40	8			3	32.50
	355	H. L. Caillet	720.00	9	11	95	131	27	4			3	45.00
	223	H. D. Smith	600.00	9	10	235	80	42				2	32.00
	1073	C. T. Reed	675.00	9	11	300	251	57	12	1	52.00	4	47.25
	221	F. F. Stover	540.00	9	10	141	111	49	4			2	40.00
	427	C. E. Shutt	720.00	9	12	137	128	51	10			4	46.25
	140	Ellen V. Walsh	320.00	8	9	25	35	15				1	30.00
	1266	O. P. Stewart	1,000.00	9	12	411	319	60	6			9	45.62
	765	I. C. Richter	900.00	9	12	387	301	55	6			9	47.50
ck	327	H. F. Dunn	495.00	9	10	123	116	38	4			2	35.00
	1352	C. J. Johnson	1,100.00	9	12	469	428	73	5	2	45.00	10	47.47
	130	G. W. Young	1,100.00	9	11	477	440	84	13			9	47.22
	1164	G. L. Weaver	1,000.00	9	12	327	327	50	4			10	49.00
	539	L. E. Elckelberg	765.00	9	11		186	42		1	32.00	3	32.00
	526	E. J. Feuling	1,000.00	9	12	304	326	58	6			7	45.71
	832	R. A. Fenton	785.00	9	12	256	187	48	6			5	47.00
	375	W. L. Rankin	540.00	9	11	112	117	21	5			3	41.66
	282	W. H. Tasold	480.00	8	10	104		31	8			2	41.25
	368	Conner Brennan	550.00	7	8	170	130			1	35.00	1	40.00
g	466	Duane G. Hunt	675.00	9	11	160	136	30	3			3	43.67
	254	A. Van Wechel	450.00	9	11		85	13				2	40.00
	881	C. W. Kirk	720.00	9	12	287	261	39	6	2	70.00	5	45.00
	470	C. E. Servoss	540.00	9	11	180	145	28	11			3	40.00
	1431	Beniah Dimmitt	1,000.00	9.5	12	434	367	77	11	1	75.00	9	47.22
	539	J. O. Ralph	540.00	9	12	155	163	22	7			3	33.33
	754	Geo. F. Fallor	900.00	9	11	201	223	58	10			5	46.00

GRADED SCHOOLS—CONTINUED.

Name of Town	Population 1905	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906	No. graduated in year ending June 30, 1906	No Teachers' Employed and Average Salary, not including Superintendent or Principal			
							Total	High school	Males	Salary per month	Females	Salary per month
Mediapolis	852	J. C. McGlade	810.00	9	19	270	248	64	8		4	49.50
Melbourne	365	W. G. Brown	675.00	9	11	130	113	17	2		3	41.70
Melrose	482	W. J. Van Dyke	520.00	8	9	228	165	63	5		3	31.85
Menlo	395	Jas. Lowry	720.00	9	11	145	133	23	4		3	45.40
Meriden	256	W. O. Dailey	675.00	9	10	106	122	18	3		5	45.00
Merrill	438	A. D. Veline	630.00	9	10	184	182	18	1		3	40.00
Meservey	234	Chas. R. Yeager	450.00	9	10	85	97	8			2	45.00
Miles	369	Frank Wells	720.00	9	10	115	118	31	10		3	40.00
Millford	565	F. T. Tompkins	810.00	9	11	214	126	60	13		4	42.75
Millersburg		C. A. Osborne	480.00	8	9	53	78	23	7	40.00	1	37.50
Milo	567	A. N. Smith	675.00	9	12	207	199	84	8		5	41.50
Million	1107	Frank Jarvis	900.00	8	13		240	97	13		7	39.25
Minburn	356	Pearl Sager	675.00	9	11	172	152	25	4		1	39.37
Minden	405	L. B. Pruitt	675.00	9	9	191	130	17			4	38.25
Mitchell	258	Walter Rogers	630.00	9	11	131	162	36			3	35.00
Mitchellville	755	Ernest Coad	765.00	9	12	228	223	72	5		2	41.00
Modale	458	Sue T. Faith	540.00	9	9	151	143				5	45.00
Mondamin	398	G. E. Misseldine	675.00	9	10	129	133	28	3		3	50.00
Monmouth	291	E. R. Stoddard	585.00	9	10	96	128	43	12		3	35.11
Monona	800	R. H. Sylvester	900.00	9	12	208	217	43	4		5	50.00
Monroe	886	C. F. Eakins	810.00	9	11	218	185	51	11		6	45.00
Montezuma	1284	C. E. Douglas	1,300.00	9	12	474	283	90	13	60.00	3	45.50
Montour	444	Julius H. Rohde	700.00	9	12	110	110	38	10		2	44.83
Moorhead	254	Ernest Her	720.00	9	11	230	226	31			4	40.00
Moravia	694	T. B. Marksbury	600.00	8	11	233	207	31	4		5	40.00
Morning Sun	981	L. T. Hill	1,100.00	9	13	340	326	84	8		8	47.00
Morrison	182	Frances L. Kinley	450.00	9	11	67	56	4			1	40.00
Mt. Auburn		J. W. Jones	495.00	9	9	93	108	18	9		3	39.30
Mt. Union	102	Gerald Dillavon	405.00	9	9	68	65	39			1	42.30
Moulton	1225	G. W. Bryan	1,100.00	9	12	438	423	71	10		9	45.00
Moville	551	J. F. Burgess	740.00	9		173	173	43	6	85.00	1	45.00
Murray	834	G. E. Wright	900.00	9	12	329	195	40	8		3	42.50
Nashua	1383	E. C. Hill	1,050.00	9	13	343	284	84	16		11	45.45
Neola	1041	M. R. Hassell	900.00	9	12	310	188	80	8		4	50.00
Newell	680	L. E. Cundy	900.00	9	12	219	207	45	7		4	46.24
New Hartford	574	Harry Eells	785.00	9	11	197	162	34	4		4	44.38
New London	1014	Chas. D. McClain	765.00	9	11	220	263	50			6	42.50
New Market	680	Mary English	495.00	9	10	218	195	24	8		4	35.00
New Providence	240	C. C. Bunch	450.00	9	8	136	91				4	44.75
New Sharon	1284	H. C. Rodolph	810.00	9	12	216	376	70	13		8	42.65
New Virginia	356	E. E. Baker	630.00	9	11	144	87	48			2	37.50
Northburn		W. O. Boyan	735.00	9	10		68	27	10		4	40.00
Nodaway	352	C. V. Frazier	675.00	9	12	191	129	21			3	41.67
Nora Springs	1142	Edward H. Bohm	1,200.00	9	12	285	347	138	14	64.00	3	40.00
North English	835	Frank W. Shultes	810.00	9	13	274	265	56	11	75.00	5	42.50
North McGregor	571	A. H. Adam	685.00	9.5	9	215	155	31	2		3	40.00
Northwood	1373	H. A. Dwyer	1,200.00	9	12	415	351	7	17	66.67	9	41.94
Norwalk	353	Mrs. Rose Crow	440.00	8	10	80	89	34			2	47.50
Norway	540	W. S. Yeager	675.00	9	11	195	121	30	1		3	40.00
Numa		C. W. Adamson	480.00	8	10	118	135				1	35.00
Odeholdt	1431	L. Q. Reed	1,300.00	9	12	400	401	98	13		10	47.00
Ocheyedan	607	J. R. Wilson	810.00	9	11	219	181	35	4		5	50.00
Oakland	938	L. R. Jackson	765.00	9	11	425	344	74	14		7	46.43
Ogden	1068	Clara Thompson	630.00	9	11	343	209	40	6		5	40.00
Olin	679	T. J. Cowan	875.00	9	12	241	209	40	7		6	42.21
Orient	332	Thos. B. Homan	675.00	9	11	166	163	39	7		3	40.00
Onslow	274	Hugh Mossman	720.00	9	11	80	106	32	7		2	40.00
Oto	329	M. R. Powers	630.00	9		205	205	32	3	70.00	3	40.00
Ossian	742	Chas. A. Russell	812.50	9.5	11	307	113	30			2	50.00
Oxford	647	John Castelo	720.00	9	11	320	191	37	7		4	41.25
Oxford Jet	800	Jos. M. Fouts	675.00	9	11	246	218	44	6		5	41.25
Pacific Jet	489	W. R. Gregg	675.00	9	11	245	207	34	5		4	40.00
Packwood	301	Ressie McCay	450.00	9	8		70				1	42.50
Palmyra		W. E. Tashoy	815.00	9	9	51	40		1		1	35.00
Palmer	171	B. B. McGinnis	630.00	9	9	121	104	32	2		2	44.00
Panama	264	Albert McGinn	540.00	9	9	147	100	16	6		2	45.00
Panora	665	W. M. Wells	720.00	9	9	314	273	25	1	50.00	4	45.00

GRADED SCHOOLS—CONTINUED.

Town	Population 1905	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906		No. graduated in year ending June 30, 1906	No. Teachers' Employed and Average Salary, not including Superintendent or Principal			
							Total	High school		Males	Salary per month	Females	Salary per month
Burg	1014	S. H. Wood	1,000.00	9 5	12	339	281	73	12	1	52.90	0	41.67
on	381	E. L. McConkie	630.00	9	12	105	128	40	1	1	50.00	1	42.50
	179	Addie Norris	405.00	9	8	112	104					1	40.00
	672	E. F. Martin	1,300.00	9	12	323	245	63	9	2	32.50	6	46.67
	250	L. A. Giddings	585.00	9	9	131	117	16				2	45.00
	482	E. G. Clark	765.00	9	12	151	132	47	5			4	41.67
	461	Jas. Daughton	765.00	9		162	162	45	9	1	86.00	3	46.67
ound	333	E. E. Bentley	600.00	9	12	97	60	31		1	33.33	1	33.33
d		Horace Kincaid	540.00	9	8	91	90						
	337	Scott L. Baker											
		& Jesse Mantle	540.00	9	21	139	135	49	5	1	45.00	2	30.00
: Plain	238	May Bailey	208.00	8	8		75					1	33.45
ton	204	Emma Mark	440.00	8	9	70	92	29		1	85.00	1	30.00
villie	708	W. C. Kennedy	940.00	8	12	243	214	63	11	1	40.00		
		O. H. Rummel	585.00	9	12		114	25				3	41.66
as	391	Mark Mullin	675.00	9	10	183	168	34	12			3	41.33
ty	683	I. J. Rae	900.00	9	12	323	235	43	6			6	45.00
	961	L. H. Andrews	460.00	8	10	168	159	29	13			2	47.66
uth	915	L. Patten	900.00	9	11	303	236	43	11			8	45.62
	325	Anna V. Dunn	600.00	9	10	193	100	30	7			1	47.00
	958	Arthur Wilson	900.00	9	12	374	200	62	8			7	45.00
City	352	W. H. Russell	400.00	8	10	131	102					3	30.00
	756	Claude C. Smith	720.00	9	12	308	219	63	12			5	49.00
	503	J. A. Griffith	630.00	9	11	156	144	39	3			3	37.50
	649	W. F. De Marr	850.00	9	11	204	192	27	4			5	43.50
ar	813	H. A. Mitchell	1,100.00	9	12	323	303	88	13			7	45.71
on	432	C. G. Umbaugh	630.00	9	9	116	121	16	5			2	42.50
	416	Anna E. Barrett	540.00	9	10	107	133	15	4			2	40.00
		I. A. Gillaspie	540.00	9	10	103	88	19	1			2	42.50
	629	Le Roy Anderson	765.00	9	12	197	193	31	1	1	50.00	4	45.14
		Marie Sorum	280.00	7	10	68	50	2	1			1	35.00
	159	O. T. Nye	585.00	9	9	69	61	4				1	45.00
a	119	Alice C. Curtis	405.00	9	10	68	69	35	4			1	40.00
h	349	Allan Peterson	855.00	9	10	125	140	48	4			6	44.66
i	270	S. E. Phillips	390.00	9	8	148	89					1	40.00
		Roy D. Jones	320.00	8	8	66	48					1	35.00
	609	F. I. Pollock	765.00	9	12	257	232	62	6			5	40.87
k	1280	Thos. E. Johnson	840.00	9	12	434	342	96	8			8	45.65
	238	John Hayes	630.00	9	11	447	124	34	8			4	46.25
	486	F. D. Curtright	585.00	9	11	190	200	28	10			4	45.00
	404	Lewis Ashline	585.00	9	12	118	118	30	5			8	46.66
	828	Paul M. Ray	900.00	9	12	202	285	49	10	1	45.00	6	42.00
d	607	I. H. Atkinson	675.00	9	11	181	176	29		1	40.00	2	40.00
nd		Doc Work	405.00	9	8	120	58					1	36.61
ay	40	H. H. Williams	495.00	9	11	139	102	40				2	30.00
J		J. A. Iverson	400.00	8	9		112	2				3	36.00
	78	H. A. Gackemyer	765.00	9	12	171	160	37	7	1	50.00	2	42.50
le	827	H. L. Bryson	675.00	9	12	190	83	19	3			3	40.00
o	708	W. R. Woodruff	675.00	9	12	238	208	46				5	41.00
d	409	S. R. Fritz	900.00	9	12	282	245	71	10	2	46.67	6	38.94
alley	1088	Blaine T. Youell	900.00	9	12	630	316	55	10			8	37.14
ll	985	Fred Matannah	765.00	9	11	211						5	36.00
ll City	1964	L. C. Bryan	1,100.00	9	13	423	403	96	8	1	65.00	11	48.63
	161	E. R. Wiseman	450.00	9	10	76	70	22	1			2	37.50
	121	H. E. Randall	300.00	9	8	86	77	7				1	35.00
	670	A. O. Wadel	630.00	9	12	247	196	30	5	1	70.00	5	40.00
	96	F. L. Cassidy	1,000.00	9	12	446	301	80	14			10	43.75
	164	Anna Hannon	320.00	8	9	88	54					1	40.00
lll	211	Frank Souter	540.00	9	10	101	123	15				3	37.50
	212	M. L. Howell	450.00	9	10	136	126	49	9			2	40.00
		Ua M. Cherry	350.00	9	9	60	45	2				1	36.00
		Thora Beck	360.00	9	9	71	52	24				1	40.00
	41	G. N. Sabin	675.00	9	9	101	90	37				2	35.00
s	502	Grace McBride	360.00	8	9	164	116	31	12			2	37.50
	179	S. W. Rowley	700.00	9	12	182	184	46	10			5	39.89
y	730	H. A. Welty	1,000.00	9	12	281	238	35	4	1	45.00	3	43.00
		Amos W. Fuller	450.00	9	8	86	65					1	40.00

REPORT OF THE

GRADED SCHOOLS—CONTINUED.

Name of Town	Population 1906	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906	No. graduated in year ending June 30, 1906	No. Teachers' Employed and Average Salary, not including Superintendent or Principal
						Total	High school	Males	Salary per month
Ryan	371	Mary Waddick	405.00	9	9	100	100	9	35.00
Sabula	902	John A. Taylor	720.00	8	11	318	211	43	40.00
St. Anthony	161	Katy I. Corvan	405.00	9	8	80	68	4	45.00
St. Ansgar	714	F. E. Sanderlin	720.00	9	12	210	137	43	35.00
St. Charles	401	A. H. Anton	600.00	9	12	165	106	35	35.00
St. Olaf	145	D. E. Livingood	320.00	8	8	73	68	34	30.00
Salem	661	R. R. Richmond	552.50	8.5	12	147	145	54	35.00
Sanborn	1270	Joel E. Johnson	1,000.00	9	12	430	353	84	45.00
Sandyville	130	W. M. Brasher	335.00	8	8	51	50	1	31.00
Savannah		W. J. Lawson	340.00	8	9	115	85	1	31.00
Schleswig	185	F. N. Olry	430.00	9	9	107	117	38	45.00
Schaller	829	F. E. Ford	675.00	9	12	205	195	52	47.00
Searsboro	282	F. S. Wright	485.00	9	11	97	94	25	39.00
Sergeant Bluff	416	B. H. Callison	675.00	9		214	227	30	40.00
Shannon City	376	O. W. Hunt	675.00	9	11	130	30	12	40.00
Sharpsburg		Nina Walnwright	450.00	9	9	90		1	40.00
Shelfield	608	H. W. Nutter	765.00	9	11	206	179	31	45.00
Shelby	649	Louis Pelzer	510.00	9	12	208	161	64	50.00
Shueyville		Geo. F. Buresh	375.00	7.5	11	91	56	5	32.00
Shell Rock	648	A. W. Moore	810.00	9	12	220	241	75	44.00
Shellsburg	565	Spencer A. Guites	765.00	9	11	167	116	30	45.00
Shilo		Mrs. Della Pringle	400.00	8	8	264	226	2	32.00
Sibley	1464	L. B. Parsons	1,200.00	9	13	454	399	77	40.00
Sidney	1146	Chas. S. Cobb	1,200.00	9	12	479	359	80	42.00
Silver City	417	C. B. Woodrum	675.00	9	11	146	141	31	45.00
Sioux Center	841	E. J. Strick	850.00	9.5	12	319	196	28	42.00
Sioux Rapids	917	W. J. Hunter	900.00	9	12	299	188	78	40.00
Slater	432	R. A. Sells	630.00	9	12	153	145	27	45.00
Sloan	631	C. C. Moffitt	765.00	9	12	265	265	42	45.00
Smithland	348	C. W. Bays	630.00	9	11	227	227	39	40.00
Soldier	127	G. W. Remsburg	480.00	8	11	96	45	14	31.00
Solon	402	Amelia McDonald	540.00	9	11	131	140	27	35.00
South English	329	D. Hamersly	500.00	8	10	99	106	26	35.00
Spillville	356		475.00	8.5	9	193	99	1	35.00
Spirit Lake	1241	C. Jay Boyington	1,000.00	9	12	424	391	70	45.00
Springdale		Bion H. Culver	700.00	9	12	115	117	36	47.00
Spring Hill	145	S. M. Cart	440.00	8	9	80	74	1	35.00
Springville	581	F. N. Nisley	760.00	9	12	190	120	68	42.00
Stacyville	553	H. A. Longley	630.00	9	11	250	81	14	45.00
Stanhope	272	F. C. Runkle	540.00	9	9	123	101	9	40.00
Stanton	531	Chas. E. Hill	627.50	8.5	11	249	198	48	45.00
Stanwood	447	Paul S. Filer	900.00	9	12	170	150	32	44.00
State Center	962	M. D. Sutton	1,000.00	9	11	302	271	47	45.00
Steamboat Rock	438	Robert Morris	585.00	9	11	135	135	20	42.00
Story City	1401	E. E. Waters	720.00	9	12	468	340	63	90.00
Stratford	521	S. M. Holaday	675.00	9	12	210	143	24	45.00
Strawberry Pt.	983	J. F. Trotter	900.00	9	12	251	207	17	42.00
Sumner	1474	Thos. J. Durant	1,100.00	9	12	501	242	73	47.00
Superior	159	F. M. Essex	450.00	9	9	63	74	8	45.00
Sutherland	662	F. E. Teller	1,000.00	9	12	245	206	40	46.00
Somers	104	Mrs. R. D. Chick	378.00	9	9	81	69	30	38.00
Swea City	373	C. A. Smith	630.00	9	12	137	124	14	45.00
Swan	284	H. A. Reed	450.00	8	8	140	123		40.00
Swaledale	264	G. C. Clemmer	580.00	9	10	107			40.00
Tabor	958	H. F. Volkman	675.00	9	11	387	294	62	41.00
Templeton	320	G. Breckenridge	388.00	10	8	182	29		
Thompson	431	John Ludwickson	675.00	9	12	197	165	24	41.00
Thor	256	Oscar Grefstad	315.00	7	8	84	73		42.00
Thornburg	228	S. A. Potts	630.00	9	11	77			35.00
Thornton	293	L. B. Stivers	675.00	9	11	146	110	13	41.00
Thurman	355	Myron C. Gaston	675.00	9	11	158	180	29	45.00
Tingley	478	Charles Murry	810.00	9	11	161	152	43	35.00
Traer	1407	F. L. Mahannah	1,200.00	9	12	402	356	112	40.00
Trenton		W. S. Dev	510.00	8.5	9	93	93	45	35.00
Tripoli	711	E. S. Baker	630.00	9	11	373			40.00
Troy		F. D. Murphy	370.00	8	9	74	57		35.00
Truro	254	S. E. Robinson	450.00	9		105	108	30	45.00

SUPERINTENDENT OF PUBLIC INSTRUCTION

141

GRADED SCHOOLS—CONTINUED.

Name of Town	Population 1906	Superintendent or Principal 1905-1906	Salary per annum	Number months school	Number of years in course	Enumeration June 1906	Enrollment for year ending June 30, 1906		No. graduated in year ending June 30, 1906	No. Teachers' Employed and Average Salary, not including Superintendent or Principal			
							Total	High school		Males	Salary per month	Females	Salary per month
Wood	156	C. E. Evans	\$15.00	6	9	101	98					1	\$40.00
	318	C. B. Coe	450.00	9	9	167	130					2	40.00
File	535	J. T. Fackler	720.00	9	13	190	224	64	8			6	47.71
		W. K. Bishop	560.00	8	10	117	95	18	14			2	35.00
	350	C. I. Fisher	485.00	9	12	129	127	49	5			2	32.50
	490	H. E. Bowen	600.00	9	11	195	160	33	6			4	41.85
Orne	676	F. F. Gordon	\$44.43	9.6	12	258	85	3	1			3	45.00
eter	407	B. D. Atchley	630.00	9	11	164	138	28	4			3	44.50
ert	409	E. R. Monroe	825.00	9	12	281	186	31	6			5	37.30
t	438	F. P. Reed	675.00	8	12	174	174	51				4	23.75
	174	Carrle Wells	296.00	8	8		42					1	37.00
	722	A. S. Reid	810.00	9	12		213	62	5	1	42.50	4	40.00
	400	W. J. Tighe	630.00	9	12	160	147	42	8			3	31.66
		Anton Brinchen	380.00	8	9	110	61	32	3			1	35.00
	207	H. E. Ronge	700.00	10	11	142	105	9	6			2	52.00
ake	571	A. B. Alderman	720.00	9	11	212	141	26	4			3	40.00
	619	M. R. Timmerman	810.00	9	12	223	213	35	7			5	44.00
	935	L. J. White	900.00	9	12	275	261	65	10			8	45.30
	1393	J. W. McCulloch	1,000.00	9	12	360	320	78	19			9	45.65
	434	W. E. Kapp	900.00	9	10	151	150	40	12			3	40.66
na	551	A. A. Belknap	540.00	9	12	197	147	42	11	1	33.33	2	30.00
e	340	Will Shirley	565.00	9	12	144	140	25				3	41.66
id	430	John E. Evans	520.00	8	11	217	132	26	2	1	45.00	2	42.50
	166	C. W. Manning	495.00	9	9	60	58	28				1	40.00
		H. S. McVicker	480.00	8	11	53						1	35.00
	318	J. A. McIntosh	600.00	8	11	127	181	42	2			3	36.87
in	663	A. O. Thomas	810.00	9	12	246	214	65	8			5	41.00
	532	J. H. Westcoat	675.00	9	11	207	190	16	4			4	46.25
Send	691	G. D. Clevenger	630.00	9	12	220	170	31	6			6	41.67
ranch	657	S. H. Mott	900.00	9	12	283	235	89	14			6	40.00
lington	1137	H. B. Morgan	675.00	9	9	533	388	11	11			5	42.00
heater	205	Della Brookhart	450.00	9	8	65	66					1	40.00
to	213	Lulu Beamer	450.00	9	10	80	34	25				1	40.00
rove		W. L. Strickland	320.00	8	9		37						
ide	449	R. D. Barr	900.00	9	11	143	119	90				5	45.00
and	514	E. T. Haush	810.00	9	11	203	140	22	3			3	39.25
g	617	F. H. Stewart	720.00	9	12	333	194	53	14			5	43.00
n	232	Sherman Boylan	340.00	8	8		51					1	42.50
more	485	A. C. Joy	720.00	9	12	178	77	15				3	43.00
is	523	E. E. Bovee	700.00	9	12	200	177	45				4	47.50
isburg	1926	N. E. Johnson	1,000.00	9	12	378	363	92	19			8	55.00
Glenn		C. C. Knoll	540.00	9	10	80	70	40	9			2	40.00
	1130	Will A. Fye	810.00	9	12	346	311	72	15			9	41.33
d	960	F. G. Robb	900.00	9	12	251	259	66	12			6	45.33
op	907	W. E. Moss	675.00	9	11	193	174	44				4	41.25
	228	M. F. Greenbach	540.00	9	10	51	79	14				2	37.00
arn	437	A. J. Mitchell	440.00	8	11	125	110	23				3	36.66
	200	Ada A. Wood	336.00	8	9	95	93	4				1	38.00
ck	252	E. F. Snow	540.00	9	10	67	67	24	1			2	40.00
ard	620	L. O. Ranney	560.00	9	11	178	150	37	7			4	39.47
ng	805	Albert N. Graham	810.00	9	12	255	148	70	14	1	40.00	4	43.75
	302	O. G. Hamilton	340.00	9	10	116	80	3				2	40.00
	476	Austin Johnson	540.00	9	12	118	140	28	6	1	60.00	5	40.00

CONSOLIDATED SCHOOL BY COUNTIES.

County—Township—School	Superintendent or Principal	Months of year	Grades in course	No. schools discontinued before June 30, '05	No. schools discontinued since June 30, 1905	Total pupils received from schools closed	Number of pupils transported by district	Number of teachers employed	Paid for transportation for the year	Total enrollment	Total average attendance	Average cost of tuition per pupil per month	Annual salary of superintendent or principal
Buena Vista Marathon	E. J. Feuling	9.	12	0		110	110	5	\$ 1,090.36	230	243.	\$ 1.55	\$ 1,000.00
Clay— Lake Twp Lake Center	W. C. Martin	7.	11	7		96	96	7	1,350.00	96	80.	4.50	330.00
Dickinson— Terrill, Floyd Twp	P. A. Long	8.	11	7		115	115	7	1,802.00	170	110.6	1.95	640.00
Emmet— Armstrong Dolliver Estherville	O. E. Dixon Emma Thompson Jas. L. Mishler	9. 9. 9.	11 10 12	1 5 3		11 18 20	11 18 20	1 1 3	325.00 403.00 775.00	241 68 918	181.5 47.9 686.5	2.12 2.79 1.99	815.00 540.00 1,250.00
Hardin— Eldora Hubbard New Providence Robertson Steamboat Rock Union	A. J. Cavana Geo. A. Glenn C. C. Bunch Mary Adamson Robert Morris J. T. Fackler	9. 9. 9. 8. 9. 9. 9. 9.	12 13 8 9 11 13	1 1 2 1 1 1		7 9 23 23 8 15	7 9 23 23 8 15	1 1 2 2 1 1	80.00 279.25 227.75 57 180.00	574 191 91 57 224	453. 139. 74. 40. 107.	1.84 2.40 1.88 1.92 2.03	1,250.00 774.00 450.00 304.00 585.00 730.00
Humboldt Gilmore City Humboldt	L. A. Wilson C. S. Cory	9. 9.	11 12	2 1		48 7				291 417	208.8 331.	1.33 1.33	675.00 1,100.00
Kossuth Dist No. 4, Prairie Twp Lone Rock Prairie View, No. 4, Whittemore Twp	Sr. Euphrasia Ella C. Hartshorn Fr. Russell	8. 9. 9. 8.	8 11 11 8	1 4 4 1	1 4 4 1	4 84 84 1	4 84 84 1		23.25 93			.41 2.18 3.40	285.00 540.00 290.00
Marshall— Albion	F. H. Flgart	9.	12	3		51	51	3	810.00	214	167.	1.93	730.00
Mitchell— McIntire Douglas No. 5 Mitchell	J. O. Ralph Maggie Sullivan Walter Rodgers	9. 5. 9.	12 11 11	1 2 1		8 11	34 11	3 1	633.96 123.00	163 19	15.6	2.56 2.17	540.00 630.00
Pot'wat'mie Prouty, Garner Tp	M. Grace Heywood	8.5	8	1		10				71	42.	1.84	363.00
Ringgold— Mt. Ayr	Adam Pickett	9.	13	1		24			165.00	483	365.4	1.81	1,200.00

SUPERINTENDENT OF PUBLIC INSTRUCTION

143

CONSOLIDATED SCHOOL—CONTINUED.

County—Town- ship—School	Superintendent or Principal	Months of year	Grades in course	No. schools discontin- ued before June 30, '06	No. schools discontin- ued since June 30, 1906	Total pupils received from schools closed	Number of pupils trans- ported by district	Number of teachers employed	Paid for transportation for the year	Total enrollment	Total average attend- ance	Average cost of tuition per pupil per month	Annual salary of super- intendent or principal
Van Buren—													
Keosauqua	David Williams	8.	12	2		22	11	1	100.00	352	276.	1.50	1,000.00
Farmington	A. T. S. Owen	8.	12	2		22				362	306.	1.23	880.00
Niles, Des Moines Tp.	Charles Vale	8.	8		1	3	3		32.00	40	23.	1.30	225.00
Washington													
Crawfords- ville	Geo. Weber	2.	12	2		22	18	2	554.50	159	123.	1.63	630.00
Winnebago													
Buffalo Centr	Ray G. Golly	8.	12	6			70	6	1,642.50	338	243.	1.99	720.00
Forest City	A. P. Heald	8.	13	1		32	16	1	277.40	490	392.	1.95	1,100.00
Leland	Jos. Bowman	8.	8	1		18	18	1	340.00	103	57.	1.40	280.00

NON-RESIDENT PUPILS AND TUITION.

INDEPENDENT CITY TOWN AND VILLAGE CORPORATIONS YEAR ENDING
JUNE 30, 1906.

Counties		Below Ninth Grade		Ninth Grade and Above		Counties		Below Ninth Grade		Ninth Grade and Above			
		Number	Amount received	Number	Amount received			Number	Amount received	Number	Amount received		
Adair	86	\$	616.74	81	\$	780.21	Jefferson	20	\$	173.80	24	\$	507.27
Adams	31		242.96	43		672.94	Johnson	73		924.04	89		1,609.25
Allamakee	60		578.09	38		633.41	Jones	35		329.25	102		1,274.02
Appanoose	88		532.44	99		1,199.50	Keokuk	90		718.01	158		1,831.79
Audubon	14		171.50	54		594.45	Kossuth	71		390.99	45		254.10
Benton	61		323.76	73		1,031.21	Lee	61		473.61	44		879.73
Black Hawk	7		36.25	37		590.88	Linn	103		1,195.81	145		2,223.56
Boone	4		455.00	28		448.00	Louisa	18		255.60	84		813.50
Bremer	30		321.97	34		435.59	Lucas	21		197.88	36		544.22
Buchanan	57		306.74	72		689.10	Lyon	61		939.01	69		912.10
Buena Vista	40		308.08	74		1,050.76	Madison	73		306.04	158		1,581.43
Butler	62		329.50	141		1,305.85	Marion	79		320.60	54		879.23
Calhoun	77		696.35	82		1,161.67	Mahaska	64		743.07	47		636.61
Carroll	59		428.92	41		608.15	Marshall	86		779.20	83		1,378.31
Cass	40		470.02	108		1,243.84	Mills	37		284.00	80		608.19
Cedar	92		818.69	134		1,603.34	Mitchell	9		218.14	17		831.61
Cerro Gordo	64		503.92	67		1,045.09	Monona	52		426.57	71		1,037.40
Cherokee	44		312.85	43		858.13	Monroe	6		67.00	72		1,222.66
Chickasaw	35		225.55	56		689.55	Montgomery	10		102.75	80		1,303.91
Clarke	9		40.80	20		276.50	Muscatine	35		309.40	68		1,228.35
Clay	25		215.93	26		496.50	O'Brien	42		360.00	89		995.25
Clayton	61		382.99	92		1,633.09	Osceola	30		314.35	24		229.80
Clinton	26		350.33	52		919.64	Page	77		782.95	40		984.87
Crawford	66		212.06	45		553.64	Palo Alto	44		376.50	33		323.25
Dallas	70		524.01	128		1,733.35	Plymouth	59		567.58	26		326.04
Davis	10		92.00	10		60.80	Porahontas	48		351.89	75		790.11
Decatur	31		235.95	108		1,204.37	Polk	32		300.81	123		2,322.72
Delaware	72		400.13	78		749.85	Pottawattmie	86		965.68	142		2,142.49
Des Moines	18		156.50	28		399.74	Poweshiek	61		423.19	114		1,929.61
Dickinson	12		86.33	8		133.74	Ringgold	43		281.18	41		354.89
Dubique	13		83.95	10		111.75	Sac	85		739.55	101		1,286.81
Emmet	32		365.25	11		119.75	Scott	96		1,134.23	51		996.50
Fayette	30		136.26	109		1,213.27	Shelby	24		247.00	94		927.91
Floyd	22		108.30	101		1,156.07	Sioux	29		329.54	54		685.52
Franklin	40		268.11	37		554.44	Story	98		569.07	161		2,121.29
Fremont	115		1,083.29	101		1,116.47	Tama	59		454.75	48		596.50
Greene	32		381.32	15		1,540.77	Taylor	84		526.55	53		518.67
Grundy	55		476.83	51		749.27	Union	43		331.82	90		1,191.06
Guthrie	55		416.85	48		519.07	Van Buren	131		695.83	165		1,006.45
Hamilton	46		274.34	53		467.60	Wapello	89		523.48	48		660.70
Hancock	33		228.97	26		245.80	Warren	26		184.20	81		1,103.74
Hardin	113		1,063.00	120		1,330.87	Washington	74		554.87	94		1,046.96
Harrison	77		638.07	210		2,882.07	Wayne	101		573.47	180		1,728.51
Henry	47		296.00	47		455.10	Wehster	72		395.25	52		787.30
Howard	27		129.00	10		89.80	Winnebago	45		286.09	28		297.50
Humboldt	102		950.03	82		990.75	Winneshek	48		261.51	19		150.82
Ida	34		336.30	87		1,755.90	Woodbury	63		1,048.32	117		1,431.65
Iowa	72		652.95	118		1,435.51	Worth	5		23.25	26		164.62
Jackson	50		520.08	99		1,073.28	Wright	41		327.05	156		1,773.60
Jasper	49		482.65	105		1,640.42							
City, Town and Village						5177	\$	42,539.86	7322	\$	95,214.16		
Rural						1905		6,387.34	21		573.25		
Corporations						7082		48,927.20	7343		96,787.41		
For the State													

INDEX.

	PAGE
Apportionment of School Funds.....	17
Attendance—Compulsory	26
Special Reports—Cedar Rapids.....	28
Ottumwa	29
Marshalltown	30
Council Bluffs	31
Attendance, Average	78
Attorney General, Opinion concerning terms of school officers.....	59
Auditor, County—Circular concerning requirements for county superintendent	64
Apparatus—Value of	78
Appeals Decided by County Superintendents.....	98
Applicants Examined	94, 100
Board of Examiners—Report of.....	65
Examination Dates	65
Licenses Issued	66
Examination Fees	67
Expenses of	68
Summary	68
Diplomas and Certificates.....	69
Buildings and Grounds.....	101
Contingent Fund	8
Certificates Issued—State.....	66
Certificates—State—Names of persons receiving.....	69
Certificate Law	20
Questions Used in October, 1906.....	32
Certificates, County—Number and Classes.....	94
Number Granted.....	100
Cost of Public Schools.....	10
Computed on Taxable Property.....	10
Computed on Enumeration.....	10
Computed on Enrollment.....	11
Computed on Average Attendance.....	11
Corporations and Directors, Number of.....	111
School Townships and Directors of.....	111
Independent City, Town and Village and Directors of.....	111
Rural Independent and Directors of.....	111
Compulsory Attendance	26
Special Reports (see attendance).....	28
Consolidated Schools	142
Circulars of Information.....	50
Patriotic Day in the Schools.....	50
Secretary—To the	50, 62
Notice of Change in Law.....	55
County Superintendent—To the.....	55, 56, 57, 58, 59, 64
Secretaries of Independent City, Town and Village Corporations.....	57
The New Certificate Law.....	58
Term of Secretary and Treasurer—	
Opinion of Attorney General.....	59
Director of Sub-District, to the.....	60
Treasurer, To the.....	61
President, To the.....	62
County Auditor, To the—Concerning Requirements for County Super-	
intendent	64

	PAGE
County Superintendents—Circulars to.....	55, 56, 57, 58, 59, 64
Qualifications of	64
List of	72
Reports of	74- 144
Compensation of	98
Contingent Fund	90
Directors—Number	111
School Township	111
Independent City, Town and Village.....	111
Rural Independent	111
Compensation	16
Director of Sub-District—Circular to.....	60
Defective Statutes	21
Diplomas Issued	66
Diplomas—Names of Persons Receiving.....	69
Denominational Educational Institutions.....	117
Examinations, State—Dates of.....	65
County—Questions Used in October, 1906.....	32
Examination Fee—State	66
Expenses of Board of Examiners.....	68
Enrollment of Pupils.....	78
Enumeration	74
Examination of Teachers.....	94
Educational Meetings	98
Associations	98
Educational Institutions—Private, Denominational and Higher.....	117
Funds—Schoolhouse	7, 90
Contingent	8, 86
Teachers'	8, 82
Institute	9, 105
Permanent School	10
Expended for Library Books.....	113
Fraternities—High School	25
Flags, Schools with.....	101
General Summary of Statistics.....	6
Graded School Statistics—	
Cities of 3,000 or more.....	128
Cities of 1,500 to 3,000.....	130
City, Town and Village of Less than 1,500.....	132
High Schools—State Aid to.....	19, 38
Higher Educational Institutions.....	117
Institute, The	9, 104
Faculties	108
Institute Fund	9, 105
Institutions, Private, Denominational and Higher Educational.....	117
Letter of Transmissal.....	3
Licenses, State—Issued.....	66
Names of Persons Receiving.....	70
Libraries—Number of Volumes.....	78
Number of Volumes Purchased by Funds.....	113
Number of Volumes Purchased by Voluntary Effort.....	113
Amount Expended by Funds.....	113
Amount Raised by Voluntary Effort.....	113
Number of Sub-Districts Provided with.....	113
Number of Rural Independent Districts Provided with.....	113
Number of Rural Having Library Cases.....	113
Non-Resident Pupils and Tuition.....	78
Independent City and Town and Rural Corporations Compared.....	144
Normal Institute—Dates, Term, etc.....	104
Receipts, Disbursements	105

INDEX.

147

PAGE

Report—Announcements and Recommendations.....	14
In General	14
Change in Time of Reporting.....	15
Change in School Year.....	15
Compensation of Directors.....	16
Public School Support.....	16
Apportionment of Funds.....	17
State Levy for the Common Schools.....	18
State Aid for High Schools.....	19
The New Certificate Law.....	20
Defective Statutes	21
Revision of School Laws.....	23
The School Treasurer.....	23
High School Fraternities and Sororities.....	25
Compulsory Attendance	26
Special Reports—Cedar Rapids.....	28
Ottumwa	29
Marshalltown	30
Council Bluffs	31
Reading Circle—State Teachers.....	71
Number of Members.....	94
Superintendents of Public Instruction.....	5
Summary of Statistics—General.....	6
Sub-Districts—Number of.....	74
School Townships—Number of.....	111
Secretaries' Reports—School Districts.....	6
Schools	6
Teachers	6
Scholars	6
Schoolhouses	7
Apparatus	7
Libraries	7
Trees	7
Temperance Instruction	7
Secretary, Circulars to.....	50, 57, 62
School Districts	6, 74
Schools—Number	6
Graded	128
Consolidated	142
Scholars	6
Schoolhouses	7, 78
Number of	78
Value	78
New	101
Without Suitable Outhouses.....	101
Shade Trees	7
Schoolhouse Fund	7, 90
School Year—Change in.....	15
State Levy for Public Schools.....	18
Special Aid for High Schools.....	19, 38
School Laws—Revision of.....	23
School Treasurer	23
Sororities—High School	25
State Aid to High Schools.....	38
Superintendent, County—Circulars to.....	55, 56, 57, 58, 59, 64
Qualifications of	64
Superintendents, County—List of.....	72
Reports of	74- 144
Compensation of	98
School Finances	82, 93
Teachers Fund	82
Schoolhouse Fund	86
Contingent Fund	90
Institute Fund	105

	PAGE
School Statistics	74, 144
Schools—Teachers—Enumeration	74
Enrollment—Attendance—Tuition—Schoolhouses—Apparatus—Libraries	
—General	78
School Visitation	92, 100
Stimulants and Narcotics—Rooms in Which Effects Are Taught.....	78
Teachers	6
Number Necessary	100
Number Employed	74
Average Number of Months Employed.....	74
Teachers' Institute	9
Tabular Exhibit of Growth of Public Schools.....	12
Treasurer—Circular to	61
Treasurers' Reports—Schoolhouse Fund.....	7
Contingent Fund	8
Teachers' Fund	8
Teachers' Reading Circle—State.....	71
Tuition—Secretaries' Reports	78
Temperance Instruction	78
Tuberculosis	64
Trees, Planted—On School Sites.....	101
Uniform County Examination Questions.....	32
Visitation by County Superintendents.....	92, 100
Official Call of County Superintendents.....	56
Public School Support.....	16
President—Circular to	62
Pupils—Enumeration of	74
Enrollment	78
Attendance	78
Seven to Fourteen	74
Average Tuition	78
Non-Resident	78
Parochial Schools	117
Public Schools—Statistics	122
Cities having a Population of 3,000 or More.....	122
Cities having a Population of 1,500 to 3,000.....	130
City, Town and Village of Less than 1,500.....	132
Questions Used in October Examination.....	32









